

ONONDAGA LAKE

NYD986913580

OU: 00

8.0 GENERAL ENFORCEMENT

8.1.2 PRP Specific Info and Correspondence

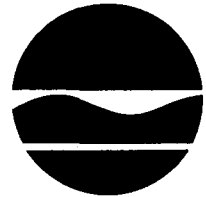
USAir Group, Inc.

No. 1

0000026038



New York State Department of Environmental Conservation
Division of Environmental Enforcement
Onondaga Lake Unit
50 Wolf Road
Room 410A
Albany, New York 12233-5550



Michael D. Zagata
Commissioner

Telephone: (518) 457-7821
Fax: (518) 457-7819 (not for service of process)

June 24, 1996

Mr. John Trendowski
C & S Engineering
1099 Airport Blvd.
North Syracuse, NY 13212

RE: CERCLA §104(e) Joint Request: US Air

Dear John:

This correspondence summarizes our June 24, 1996 phone call, regarding the above referenced matter. That conversation addressed US Air's answer to question 2 of the supplemental §104(e) response, dated March 6, 1996. Pursuant to that phone conversation it is the Department's understanding that:

-US Air did not generate a Work Plan or Final Report for the "one time airport cleanup" referenced in US Air's original §104(e) response, dated June 1, 1995.

-US Air discovered drums of an unknown origin and took the responsibility for characterizing and disposing of the drums.

-there was no release to the environment from these drums.

-US Air's March 6, 1996 response contained the characterizations and waste manifests for the drum disposal.

-US Air's annual report to the Department noted the cleanup.

-US Air's use of the word "monitoring", in response to question 2 of the supplemental request, referred to the characterization of the drums and no additional long term monitoring occurred.

If your understanding of this matter differs from this correspondence please contact the Department. Thank you.

Sincerely Yours,

Scott Crisafulli, Esq.
Onondaga Lake Unit

bcc: A. Peterson, DER
H. King, USEPAREG2

U.S. Army
L. H. King, Jr.
District of Columbia

Order of the
(S) 60.7.1.1

200 51 100 100

USAir

Pittsburgh International Airport
P.O. Box 12346
Pittsburgh, PA 15231-0346

March 6, 1996

Mr. William G. Little
New York State Department of
Environmental Conservation
50 Wolf Road - Room 400
Albany, New York 12233-5550

**RE: USEPA/NYSDEC Joint Request for Information
USAir Syracuse Operations
(USAir Project #95-210)**

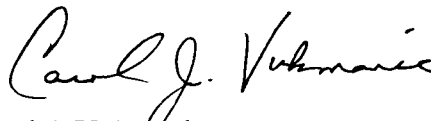
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Dear Mr. Little:

In response to the EPA/DEC Joint Request for Information regarding operations at Hancock International Airport, USAir has prepared this response to the information requested in your letter received on January 10, 1996. The responses are based on information available at the date of this response. If additional information becomes available, it will be forwarded to you.

If you have any questions regarding this submittal, please call me.

Sincerely,



Carol J. Vukmanic, Manager
Environmental Programs

CJV/gma
Enclosure

cc: M. Roye
S. Pusateri
J. Wright ▶ File 95-210
C & S Engineers, Inc.
H. King (USEPA)
TAMs Consultants, Inc.

USAir Group, Inc.
EPA ID #NYD 00824581

RESPONSES TO
JOINT REQUEST FOR INFORMATION

March, 1996

USAir Group, Inc.
Hancock International Airport
North Syracuse, New York 13212

RESPONSES TO JOINT REQUEST FOR INFORMATION

USAir Activities at Hancock International Airport EPA ID# NYD000824581

In response to the United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC) Joint Request for Supplemental Information dated January 4, 1996 and received on January 10, 1996, this submittal has been developed to address your requests. The responses are based on information available at the date of preparation. Should additional information become available regarding this submittal, the information will be provided to USEPA/NYSDEC under separate cover.

The responses in this submittal correspond to the items within the EPA/DEC Joint Request for Information dated January 4, 1996. The bold text is a reprint of the items requested by USEPA/NYSDEC.

1. **In response to question 9 of the joint request, USAir indicated that a closure operation was performed for the Joint USAir/American Airlines fuel farm. Please provide a description of the closure activities and any available reports and analytical data (for waste and environmental sampling), including the closure workplan and final report prepared for this operation.**

USAir and American Airlines operated adjoining fuel farms. USAir closed its portion of the fuel facility in January, 1989 by removing the underground tanks and the impacted soil. Maross Construction, the general contractor for USAir, contracted Domermuth Environmental Services to dispose of the impacted soils. According to information provided by Maross Construction, 2936 tons of soil were landfilled off-site during the project. In addition, 1,150 gallons of wash water containing oil was disposed of during the course of the project.

According to Maross Construction's letter to the Town of DeWitt dated February 2, 1989, the removal of the underground tank and impacted soil as well as backfilling the area with topsoil was completed by that date. A copy of the letter is enclosed in Attachment 1. At the time of preparation of this response, USAir was unable to

locate any formal workplan or report regarding this project. According to a NYSDEC letter to American Airlines dated February 2, 1989, "US Air has removed their underground fuel storage tanks. A considerable amount of contaminated soil was also removed. There appeared to be no major surprises during their portion of the clean-up." A copy of a NYSDEC letter dated February 2, 1989 referring to completion of the USAir portion of the closure is provided in Attachment 1.

American Airlines completed the closure of its fuel farm after USAir. On-site biological landfarming was utilized by Waste Stream Technology to remediate impacted soil. According to an August 5, 1993 letter from NYSDEC to Waste Stream Technology, the soil reached the soil guidance cleanup goals indicated in STARS Memo #1. The remediated soil was to remain on the airport property. A copy of the August 5, 1993 letter is also provided in Attachment 1.

2. The same response references a "one time airport cleanup" completed by USAir which consisted of "monitoring and disposal of a number of drums of unknown material." Please indicate the type of monitoring that occurred and provide a description of the cleanup activities and any available analytical data. Kindly include the cleanup workplan and the final report prepared for this operation.

The one time airport cleanup was initiated based on USAir discovering drums of material near its terminal facilities in the Spring of 1994. The generator or origin of the material is unknown. USAir contracted with Clean Harbors Environmental Services to characterize the material for disposal purposes. Waste material profiles for the material have been included in Attachment 2.

Clean Harbors disposed of this material in May, 1994 in accordance with Federal and State regulations. Copies of the manifests, which were included in our initial submittal, are also provided in Attachment 2.

3. In conjunction with response number 9, Figure 2 of the Spill Prevention Control and Countermeasure Plan shows monitoring wells. Please provide any available groundwater data for samples collected from these wells. In addition, please provide any available analytical data regarding the Airport's stormwater outfalls.

Tables 1, 2, 3, and 4 summarize the available analytical data for sampling collected at monitoring wells MW-1, MW-2, MW-3, and MW-4, respectively, at the time of preparation of this submittal. Maxim Technologies, Inc. (formerly Huntingdon Engineering and Environmental) samples these monitoring wells on an annual basis. Samples taken from the monitoring wells are analyzed for purgeable aromatics by EPA Method 602 and petroleum products in water by NYSDOH Method 310.13. Based on the analytical results, no parameter was detected above analytical detection limits in the monitoring wells. A copy of the laboratory analytical results is provided in Attachment 3.

USAir has not conducted storm water monitoring at the Hancock International Airport. The results of any storm water monitoring completed at the airport, which would include contributions of other users, would have to be obtained from the City of Syracuse.

4. Pursuant to question 13 of the joint request, please provide a copy of any Onondaga County Department of Drainage and Sanitation Industrial Wastewater Discharge permit possessed by USAir.

According to Onondaga County Department of Drainage and Sanitation (OCDDS) correspondence dated March 5, 1996, USAir does not need a permit from OCDDS in order to discharge to the sanitary sewer system. A copy of the correspondence is provided in Attachment 4.

TABLES

TABLE 1
HUNTINGDON ENGINEERING AND ENVIRONMENTAL
MONITORING DATA SUMMARY
MW-1

PARAMETERS	UNITS	1991	1993	1994	1995
<i>NYSDOH METHOD 310.13</i>					
Gasoline	UG/L	ND	ND	ND	<100
Kerosene	UG/L	<100	<100	<100	<100
Fuel Oils	UG/L	<100	<100	<100	<100
Lube Oils	UG/L	ND	ND	ND	<100
<i>USEPA METHOD 602</i>					
Benzene	UG/L	<0.50	<0.50	<0.50	<1
Toluene	UG/L	<0.50	<0.50	<0.50	<1
Ethylbenzene	UG/L	<0.50	<0.50	<0.50	<1
m/p Xylene	UG/L			<1.0	<1
o-Xylene	UG/L			<0.50	<1
Total Xylenes	UG/L	<1.0	<1.0		
Chlorobenzene	UG/L		<0.50		<1
1,2-Dichlorobenzene	UG/L		<0.50		<1
1,3-Dichlorobenzene	UG/L		<0.50		<1
1,4-Dichlorobenzene	UG/L		<1.0		<1

TABLE 2
HUNTINGDON ENGINEERING AND ENVIRONMENTAL
MONITORING DATA SUMMARY
MW-2

PARAMETERS	UNITS	1991	1993	1994	1995
<i>NYSDOH METHOD 310.13</i>					
Gasoline	UG/L	ND	ND	ND	< 100
Kerosene	UG/L	< 100	< 100	< 100	< 100
Fuel Oils	UG/L	< 100	< 100	< 100	< 100
Lube Oils	UG/L	ND	ND	ND	< 100
<i>USEPA METHOD 602</i>					
Benzene	UG/L	< 0.50	< 0.50	< 0.50	< 1
Toluene	UG/L	< 0.50	< 0.50	< 0.50	< 1
Ethylbenzene	UG/L	< 0.50	< 0.50	< 0.50	< 1
m/p Xylene	UG/L			< 1.0	< 1
o-Xylene	UG/L			< 0.50	< 1
Total Xylenes	UG/L	< 1.0	< 1.0		
Chlorobenzene	UG/L		< 0.50		< 1
1,2-Dichlorobenzene	UG/L		< 0.50		< 1
1,3-Dichlorobenzene	UG/L		< 0.50		< 1
1,4-Dichlorobenzene	UG/L		< 1.0		< 1

TABLE 3
HUNTINGDON ENGINEERING AND ENVIRONMENTAL
MONITORING DATA SUMMARY
MW-3

PARAMETERS	UNITS	1991	1993	1994	1995
<i>NYSDOH METHOD 310.13</i>					
Gasoline	UG/L	ND	ND	ND	< 100
Kerosene	UG/L	< 100	< 100	< 100	< 100
Fuel Oils	UG/L	< 100	< 100	< 100	< 100
Lube Oils	UG/L	ND	ND	ND	< 100
<i>USEPA METHOD 602</i>					
Benzene	UG/L	< 0.50	< 0.50	< 0.50	< 1
Toluene	UG/L	< 0.50	< 0.50	< 0.50	< 1
Ethylbenzene	UG/L	< 0.50	< 0.50	< 0.50	< 1
m/p Xylene	UG/L			< 1.0	< 1
o-Xylene	UG/L			< 0.50	< 1
Total Xylenes	UG/L	< 1.0	< 1.0		
Chlorobenzene	UG/L		< 0.50		< 1
1,2-Dichlorobenzene	UG/L		< 0.50		< 1
1,3-Dichlorobenzene	UG/L		< 0.50		< 1
1,4-Dichlorobenzene	UG/L		< 1.0		< 1

TABLE 4
HUNTINGDON ENGINEERING AND ENVIRONMENTAL
MONITORING DATA SUMMARY
MW-4

PARAMETER	UNITS	1991	1993	1994	1995
<i>NYSDOH METHOD 310.13</i>					
Gasoline	UG/L	ND	ND	ND	< 100
Kerosene	UG/L	< 100	< 100	< 100	< 100
Fuel Oils	UG/L	< 100	< 100	< 100	< 100
Lube Oils	UG/L	ND	ND	ND	< 100
<i>USEPA METHOD 602</i>					
Benzene	UG/L	< 0.50	< 0.50	< 0.50	< 1
Toluene	UG/L	< 0.50	< 0.50	< 0.50	< 1
Ethylbenzene	UG/L	< 0.50	< 0.50	< 0.50	< 1
m/p Xylene	UG/L			< 1.0	< 1
o-Xylene	UG/L			< 0.50	< 1
Total Xylenes	UG/L	< 1.0	< 1.0		
Chlorobenzene	UG/L		< 0.50		< 1
1,2-Dichlorobenzene	UG/L		< 0.50		< 1
1,3-Dichlorobenzene	UG/L		< 0.50		< 1
1,4-Dichlorobenzene	UG/L		< 1.0		< 1

ATTACHMENT 1

MAROSS CONSTRUCTION LETTER - FEBRUARY 2, 1989

NYSDEC LETTER - FEBRUARY 2, 1989

NYSDEC LETTER - AUGUST 5, 1993

general contractor

**MAROSS
CONSTRUCTION INC.**

104 MARY LANE • NEDROW, NEW YORK 13120-0360 • PHONE: (315) 469-6816

February 2, 1989

Town of Dewitt
6565 Kinne Rd.
Syracuse, New York 13214

Attn: James Conlin
Building Inspector

Dear Mr. Conlin:

RE: US Air Fuel Storage
Syracuse Hancock Airport

We have completed removal of all underground storage tanks, including related piping and backfilled the area with topsoil installed ready to be seeded in the Spring.

Sincerely,

Martin Ossenberg /mw

Martin Ossenberg
President

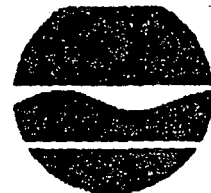
MO:nw

CC: Lee Bernier
US Air Aviation, Inc.
Pittsburgh, PA

→ Harry Werner
Dept. of Environmental Conservation
Syracuse, NY

Department of Environmental Conservation

Syracuse, N.Y. 13204-2400 (315) 426-7519



Thomas C. Jorling
Commissioner

January 2, 1989

American Airlines
P.O. Box 619616
Dallas Fort Worth Airport
Dallas, Texas 75261-9616

Attention: Fredric J. Jacobson
Contract Manager
MD-3J58

Dear Mr. Jacobson:

I would like to take this opportunity to review the fuel facility status at Syracuse's Hancock Airport.

During our last meeting, October 1, 1987, we discussed several scenarios for the Syracuse fuel facility. One of the scenarios was to stop using the old facility and remove all underground storage tanks. Presently, US Air has removed their underground fuel storage tanks. A considerable amount of contaminated soil was also removed. There appeared to be no major surprises during their portion of the cleanup.

American Airlines apparently is no longer using their portion of the facility, but the tanks remain underground. It is also my understanding that bids are currently being sought for this project. In order to assure that this project continues moving, I am requesting the following:

1. Within thirty days a date should be established for removing the fuel farm.
2. If the project does not continue moving and the tanks are left in place, the underground fuel storage tanks should be tightness tested according to Part 613.
3. If American Airlines does not establish a removal date within thirty days and the tanks have not been tested, this Department will activate the spill fund in order to assure proper cleanup. American Airlines will be held accountable for all costs incurred by New York State.

Please contact me at (315) 426-7519 if you have any questions regarding this matter.

Sincerely,

Harry D. Warner

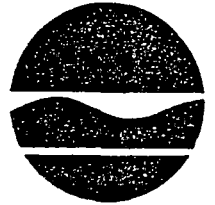
Harry D. Warner
Assistant Spill Engineer

DW/cr

New York State Department of Environmental Conservation
615 Erie Blvd. W., Syracuse, NY 13204-2400

Region 7
Division of Spills Management
(315) 426-7519

August 5, 1993



Thomas C. Jorling
Commissioner

Waste Stream Technology Inc.
302 Grote Street
Buffalo, New York 14207-2496

Attention: Frank Genek

RE: SPILL NO. 81-00459

Dear Mr. Genek:

On July 8, 1993, New York State DEC and Waste Stream Technology Inc. acquired split soil samples from the ongoing bioremediation project at Hancock Airport.

As required in STARS Memo #1, the analysis performed on the samples was Methods 8270 and 8021. Based on the results of these tests, it has been determined that the remaining soil has reached the soil guidance cleanup goals.

To complete the closure of this cleanup, please contact Ralph Napolitano at the Syracuse Airport (315) 454-3263 in order to discuss the soil's final disposition at the airport. The soil must however, remain on the airport property.

Thank you for persevering on this matter. Should any further problems arise, please contact me at (315) 426-7519.

Sincerely,

Harry D. Warner

Harry D. Warner
Assistant Spill Engineer

HDW/cr
c:airport.hw
cc: Ralph Napolitano

FILE COPY

ATTACHMENT 2

**ONE TIME AIRPORT CLEANUP DOCUMENTATION
WASTE MATERIAL PROFILE SHEETS
HAZARDOUS WASTE MANIFESTS**

CleanHarbors**WASTE MATERIAL PROFILE SHEET**

(Please complete all areas, leave nothing blank)

05072

A. GENERAL INFORMATION

GENERATOR USA Inc. BILL TO: Sum
FACILITY ADDRESS Industrial Trl A. Port BILL TO ADDRESS Sum
Service Maintenance Dept Syracuse NY
SIC NUMBER 1321 CLEAN HARBORS CONTACT PERSON J. Syck
GENERATOR USFPA ID# NYD 000 724 581 CLEAN HARBORS SERVICE CENTER LOCATION Syracuse
GENERATOR STATE ID # NY SAMPLE APPROVAL P.O. # W/O
TECHNICAL CONTACT Jim O'Leary CUSTOMER CONTACT Sum
TECHNICAL CONTACT'S PHONE 315-455-1655 CUSTOMER CONTACT'S PHONE Sum

B. WASTE DESCRIPTION

COMMON NAME FOR WASTE Mobile Odorant Inter 8393A Lin Fluid
PROCESS GENERATING THE WASTE UNUSCD Virgin Product

C. PROPERTIES

PH 12.4 ☒ 12.4 ☒ 5-9 ☐ 10-12.5 ☐ >12.5 ACTUAL
% TOC <80 BTUS/POUND <5000 % ASH <1 % SULFUR <1 COLOR Blue
% TOTAL CHLORINE 480 SPECIFIC GRAVITY/DENSITY 1.03 ODOR W/D % ACIDITY/ALKALINITY 410
FLASHPOINT (°F) ☐ <73° ☐ 73-99° ☐ 100-139° ☐ 140-200° ☒ >200° ☐ NONE
BOILING POINT (°F) ☐ <73° ☐ 73-99° ☒ 100-139° ☐ 140-200° ☐ >200° ☐ NONE
PHYSICAL STATE ☐ SOLID WITHOUT FREE LIQUID
☒ LIQUID WITH NO SOLIDS ☐ POWDER ☐ MULTILAYERED
☐ THICK VISCOUS LIQUID ☐ MONOLITH ☐ BILAYERED
☐ LIQUID/SOLID MIXTURE (INDICATE %) ☐ % FREE LIQUID ☐ % SETTLED SOLIDS ☐ % TOTAL SUSPENDED SOLIDS

D. COMPOSITION

Isopropyl 1-3 %
Glutadioldehyde 1-2 %
Water 90-95 %
_____%
_____%
_____%
_____%
_____%

MSDS's ATTACHED ☒ YES ☐ NO**E. DEPARTMENT OF TRANSPORTATION INFORMATION**

D.O.T. SHIPPING NAME Non HAZ Not DOT Regulated Cleaning Compounds
D.O.T. HAZARD CLASS OR DIVISION _____
UN/NA # _____ PACKING GROUP _____ HAZARD ZONE _____ HQ _____

F. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZES) 55 - 85
☐ OTHER (SPECIFY) _____

G. ANTICIPATED VOLUME

6 ☐ GALS. ☒ DRUMS ☐ CUBIC YARDS
FREQUENCY ☐ ONE TIME ☐ WEEK ☐ MONTH ☐ QUARTER ☐ YEAR

H. WASTE DISPOSAL STATUS

USEPA HAZARDOUS WASTE ☐ YES ☒ NO
USEPA HAZARDOUS WASTE NUMBER(S) _____

STATE HAZARDOUS WASTE ☐ YES ☒ NO

STATE HAZARDOUS WASTE NUMBER(S) _____

IS THIS A RESTRICTED WASTE UNDER THE LAND BAN REGULATIONS? ☐ YES ☒ NOTHIS WASTE IS A ☒ WASTEWATER ☐ NON-WASTEWATER PER USEPA DEFINITION, IN 40 CFR 268.2.DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE? ☐ YES ☒ NOIS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS? ☐ YES ☒ NO

IF YES SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401.

DOES THE WASTE REQUIRE NOTIFICATION UNDER THE BLINZLE REFINERY RULES? ☐ YES ☒ NO

Profile Number U 28307

J. TOXICITY CHARACTERISTIC COMPOUNDS CONCENTRATION. COMPLETED BASED ON ☒ KNOWLEDGE OR ☐ TESTING
IF BASED ON TESTING, INCLUDE ANALYTICAL RESULTS

WASTE NO.	COMPOUND	REGULATORY LEVEL (ppm)	CONCENTRATION (ppm) REPORTED AS		
			<input checked="" type="checkbox"/> TCLP	<input type="checkbox"/> TOTAL	
METALS					
D004	ARSENIC	5.0	<div>Below Reg. Levels</div>		
D005	BARIUM	100.0			
D006	CADMIUM	1.0			
D007	CHROMIUM	5.0			
	CHROMIUM CR + 6				
D008	LEAD	5.0			
D009	MERCURY	0.2			
D010	SELENIUM	1.0			
D011	SILVER	5.0			
PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02		<div>Below Reg. Levels</div>	
D013	LINDANE	0.4			
D014	METHOXYCHLOR	10.0			
D015	TOXAPHENE	0.5			
D016	2,4-D	10.0			
D017	2,4,5-TP (SILVEX)	1.0			
D020	CHLORDANE	0.03			
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008			
VOLATILE ORGANIC COMPOUNDS					
D018	BENZENE	0.5	<div>Below Reg. Levels</div>		
D019	CARBON TETRACHLORIDE	0.5			
D021	CHLOROBENZENE	100.0			
D022	CHLOROFORM	6.0			
D028	1,2-DICHLOROETHANE	0.5			
D029	1,1-DICHLOROETHYLENE	0.7			
D035	METHYL ETHYL KETONE	200.0			
D039	TETRACHLOROETHYLENE	0.7			
D040	TRICHLOROETHYLENE	0.5			
D043	VINYL CHLORIDE	0.2			
SEMI-VOLATILE ORGANIC COMPOUNDS					
D023	o-CRESOL	200.0	<div>Below Reg. Levels</div>		
D024	m-CRESOL	200.0			
D025	p-CRESOL	200.0			
D026	CRESOL (TOTAL)	200.0			
D027	1,4-DICHLOROBENZENE	7.5			
D030	2,4-DINITROTOLUENE	0.13			
D032	HEXACHLOROBENZENE	0.13			
D033	HEXACHLOROETHYLENE	0.5			
D034	HEXACHLOROETHANE	3.0			
D038	NITROBENZENE	2.0			
D037	PENTACHLOROPHENOL	100.0			
D038	PYRIDINE	5.0			
D041	2,4,5-TRICHLOROPHENOL	400.0			
D042	2,4,6-TRICHLOROPHENOL	2.0			

K. OTHER COMPOUNDS (ppm)

AMMONIA	TIN	TOTAL CYANIDE	HOCs
BERYLLIUM	COBALT	AMENABLE CYANIDE	PCBs
THALLIUM	NICKEL	F001-F005 SOLVENTS	CHLORINATORS
COPPER	ZINC	SULFIDES	

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED ☐ YES ☒ NO

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS

FOR CLEAN HARBORS USE ONLY

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE

Profile Number U 28307

J. TOXICITY CHARACTERISTIC COMPOUND CONCENTRATION COMPLETED BASED ON ☒ KNOWLEDGE OR ☐ TESTING
IF BASED ON TESTING, INCLUDE ANALYTICAL RESULTS

WASTE NO	COMPOUND	REGULATORY LEVEL (ppm)	CONCENTRATION (ppm) REPORTED AS TOTAL
METALS			
0004	ARSENIC	5.0	
0005	BARIUM	100.0	
0006	CADMIUM	1.0	
0007	CHROMIUM	5.0	
	CHROMIUM (VI)		
0008	LEAD	5.0	
0009	MERCURY	0.2	
0010	SELENIUM	1.0	
0011	SILVER	5.0	

PESTICIDES AND HERBICIDES		<input type="checkbox"/> TOLU	<input checked="" type="checkbox"/> TOTAL
0012	ENDOSULFONE	0.02	
0013	LINDANE	0.4	
0014	METHOXYCHLOR	16.0	
0015	GLOXAMIDINE	0.5	
0016	D.D.T.	100	
0017	B.G.T.P. (BIFENYL)	1.0	
0020	CYLOPHANES	0.03	
0031	HEPTACHLOR (AND ITS EPOXIDE)	0.008	

VOLATILE ORGANIC COMPOUNDS			17 JUL 68		TOTAL	
0018	WATER	0.5				
0019	CARBON TETRACHLORIDE	0.5				
0021	CHLOROBENZENE	100.0				
0022	CHLOROFORM	0.0				
0028	1,1-DICHLOROETHANE	0.5				
0029	1,1-DICHLOROETHYLENE	0.7				
0033	METHYL ETHYL KETONE	200.0				
0034	1,1-DICHLOROETHYLENE	0.7				
0040	TRICHLOROETHYLENE	0.5				
0043	VINYL CHLORIDE	0.2				

SEMI-VOLATILE ORGANIC COMPOUNDS		TOTAL	
0023	o-CRESOL	200.0	
0024	m-CRESOL	200.0	
0026	p-CRESOL	200.0	
0029	CRESOL TOTAL	200.0	
0037	1,4-DICHLOROBENZENE	7.5	
0030	2,4-DINITROTOLUENE	0.13	
0032	HEXACHLOROBENZENE	0.13	
0033	HEXACHLOROCYCLODIENE	0.5	
0034	HEXACHLOROCYCLOHEPTANE	3.0	
0036	HEPTACHLOROCYCLOHEPTANE	0.0	
0037	PENTACHLOROBENZENE	100.0	
0038	PERCHLOROPOLYBIPHENYL	5.0	
0041	2,4,6-TRICHLOROPHENOL	200.0	
0042	2,4,6-TRICHLOROPHENOL	2.0	

ALL OTHER COMPOUNDS (PPM)	0.00	0.00	TOTAL CYANIDE	0.00	0.00
ANTHRACENE	0.00	0.00	ALIENABLE CYANIDE	0.00	0.00
PERYLENE	0.00	0.00	FOOT-ROOS SOLVENTS	0.00	0.00
PHENANTHRENE	0.00	0.00	SULFIDES	0.00	0.00
COPPER	0.00	0.00			

14. BROODING OPERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS _____

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

GENERATOR'S CERTIFICATION

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

James P. O'Hara MIC Foreman 5-13-94

CLEAN HARBORS SYR.

Protein Number U 28323

ET: BA/BR

WASTE MATERIAL PROFILE SHEET

(Please complete all areas, leave nothing blank)

05072

A. GENERAL INFORMATION

GENERATOR: US Air Inc.
FACILITY ADDRESS: Hagood Airfield, Seymour
Maintenance Dept Syracuse NY 13212
SIC NUMBER
GENERATOR USEPA ID# NYD000724581
GENERATOR STATE ID #
TECHNICAL CONTACT: Jim Olters
TECHNICAL CONTACT'S PHONE: 315-455-7655

BILL TO:
BILL TO ADDRESS

CLEAN HARBORS CONTACT PERSON: T. Strick
CLEAN HARBORS SERVICE CENTER LOCATION: Syracuse, NY
SAMPLE APPROVAL P.O. #: WIO # 546918
CUSTOMER CONTACT
CUSTOMER CONTACT'S PHONE

B. WASTE DESCRIPTION

COMMON NAME FOR WASTE: Milana Aerosol 423Y
PROCESS GENERATING THE WASTE: Unused Aerosol Product

C. PROPERTIES

PH: ☐ <2 ☐ 2-4 ☒ 5-9 ☐ 10-12.5 ☐ >12.5 ACTUAL
% TOC: <50 BTUs/POUND: 6000 % ASH: <1 % SULFUR: <1 COLOR: Dark Blue
% TOTAL CHLORINE: <1 SPECIFIC GRAVITY/DENSITY: 1.25 ODOR: Characteristic ACIDITY/ALKALINITY: 2.0
FLASHPOINT (°F): ☐ <73° ☐ 73-99° ☐ 100-139° ☒ 140-200° ☐ >200° ☐ NONE
BOILING POINT (°F): ☐ <73° ☐ 73-99° ☒ >95°
PHYSICAL STATE: ☒ LIQUID WITH NO SOLIDS ☐ SOLID WITHOUT FREE LIQUID ☐ MULTILAYERED
☐ THICK VISCOUS LIQUID ☐ POWDER ☐ BILAYERED
☐ LIQUID/SOLID MIXTURE (INDICATE %) ☐ MONOLITH
% FREE LIQUID: _____ % SETTLED SOLIDS: _____ % TOTAL SUSPENDED SOLIDS: _____

D. COMPOSITION

Component	%	%
Water	74	%
Formaldehyde	2.5	%
Color	2.2	%
Methyl Alcohol	2.5	%
	%	%
	%	%

MSDS's ATTACHED: ☒ YES ☐ NO

E. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Formaldehyde, Solutions, N.O.S.
D.O.T. HAZARD CLASS OR DIVISION: 3
UNNA #: 2204 PACKING GROUP: III HAZARD ZONE: _____ RQ: _____

F. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZES): 55 → 850p
☐ OTHER (SPECIFY): _____

G. ANTICIPATED VOLUME

FREQUENCY: ☒ ONE TIME ☐ WEEK ☐ MONTH ☐ QUARTER ☐ YEAR
☐ GALS. ☒ DRUMS ☐ CUBIC YARDS

H. WASTE DISPOSAL STATUS

USEPA HAZARDOUS WASTE: ☒ YES ☒ NO
USEPA HAZARDOUS WASTE NUMBER(S): _____

STATE HAZARDOUS WASTE: ☒ YES ☒ NO

STATE HAZARDOUS WASTE NUMBER(S): _____

IS THIS A RESTRICTED WASTE UNDER THE LAND BAN REGULATIONS? ☒ YES ☒ NO
THIS WASTE IS A: ☐ WASTEWATER ☒ NON-WASTEWATER PER USEPA DEFINITION, IN 40 CFR 268.2.
DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE? ☐ YES ☒ NO
IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS? ☐ YES ☒ NO
IF YES SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401: _____

DOES THE WASTE REQUIRE NOTIFICATION UNDER THE BENZENE NESHAP RULES? ☐ YES ☒ NO

I. OTHER HAZARDS

YES	NO	YES	NO	YES	NO
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Profile Number U 28317

J. TOXICITY CHARACTERISTIC COMPOUNDS CONCENTRATION. COMPLETED BASED ON ☒ KNOWLEDGE OR ☐ TESTING
IF BASED ON TESTING, INCLUDE ANALYTICAL RESULTS

WASTE NO.	COMPOUND	REGULATORY LEVEL (ppm)	CONCENTRATION (ppm) REPORTED AS	
			<input checked="" type="checkbox"/> TCLP	<input type="checkbox"/> TOTAL
METALS				
D004	ARSENIC	5.0	<i>Below Regulatory Levels</i>	
D005	BARIUM	100.0		
D006	CADMIUM	1.0		
D007	CHROMIUM	5.0		
	CHROMIUM CR + 6			
D008	LEAD	5.0		
D009	MERCURY	0.2		
D010	SELENIUM	1.0		
D011	SILVER	5.0		
PESTICIDES AND HERBICIDES				
D012	ENDRIN	0.02	<i>Below Regulatory Levels</i>	
D013	LINDANE	0.4		
D014	METHOXYCHLOR	10.0		
D015	TOXAPHENE	0.5		
D016	2,4-D	10.0		
D017	2,4,5-TP (SILVEX)	1.0		
D020	CHLORDANE	0.03		
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		
VOLATILE ORGANIC COMPOUNDS				
D018	BENZENE	0.5	<i>Below Regulatory Levels</i>	
D019	CARBON TETRACHLORIDE	0.5		
D021	CHLOROBENZENE	100.0		
D022	CHLOROFORM	5.0		
D028	1,2-DICHLOROETHANE	0.5		
D029	1,1-DICHLOROETHYLENE	0.7		
D035	METHYL ETHYL KETONE	200.0		
D039	TETRACHLOROETHYLENE	0.7		
D040	TRICHLOROETHYLENE	0.5		
D043	VINYL CHLORIDE	0.2		
SEMI-VOLATILE ORGANIC COMPOUNDS				
D023	o-CRESOL	200.0	<i>Below Regulatory Levels</i>	
D024	m-CRESOL	200.0		
D025	p-CRESOL	200.0		
D026	CRESOL (TOTAL)	200.0		
D027	1,4-DICHLOROBENZENE	7.5		
D030	2,4-DINITROTOLUENE	0.13		
D032	HEXACHLOROBENZENE	0.13		
D033	HEXACHLOROBUTADIENE	0.5		
D034	HEXACHLOROETHANE	3.0		
D036	NITROBENZENE	2.0		
D037	PENTACHLOROPHENOL	100.0		
D038	PYRIDINE	5.0		
D039	2,4,5-TRICHLOROPHENOL	400.0		
D042	2,4,6-TRICHLOROPHENOL	2.0		

OTHER COMPOUNDS (ppm)

AMMONIA	TIN	TOTAL CYANIDE	HOCS
ALUMINUM	COBALT	AMENABLE CYANIDE	PCBS
LEAD	NICKEL	F001-F005 SOLVENTS	CHELATORS
PER	ZINC	SULFIDES	

SAMPLE STATUS

REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED ☒ YES ☐ NO

SPECIFIC GENERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS

CLEAN HARBORS USE ONLY

GENERATOR'S CERTIFICATION

I certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any submitted are representative of the actual waste.

Profile Number U 28317

Clean Harbors

WASTE MATERIAL PROFILE SHEET

(Please complete all areas, leave nothing blank)

A. GENERAL INFORMATION

GENERATOR US Air ForceFACILITY ADDRESS Handcock Airport ServiceMaintenance Dept. 3rd Ave. Syracuse NY 13212SIC NUMBER 4512

GENERATOR USEPA ID#

GENERATOR STATE ID #

TECHNICAL CONTACT Jim ChernTECHNICAL CONTACT'S PHONE (315) 455-1655BILL TO: STE

BILL TO ADDRESS

CLEAN HARBORS CONTACT PERSON T. StukaCLEAN HARBORS SERVICE CENTER LOCATION Syracuse

SAMPLE APPROVAL P.O. #

W/O # 546918

CUSTOMER CONTACT

CUSTOMER CONTACT'S PHONE

B. WASTE DESCRIPTION

COMMON NAME FOR WASTE Various Solvents / FuelsPROCESS GENERATING THE WASTE Aircraft MaintenanceVirgin mixed Products

C. PROPERTIES

PH ☐ <2 ☐ 2-4 ☒ 5-9 ☐ 10-12.5 ☐ >12.5

ACTUAL

% TOC <80BTUS/POUND 5000% ASH 51% SULFUR <1COLOR Clear% TOTAL CHLORINE <5SPECIFIC GRAVITY/DENSITY 1.0ODOR Organic% ACIDITY/ALKALINITY N/AFLASHPOINT (°F) >100-139°☒ 140-200°☐ >200°☐ NONEBOILING POINT (°F) ☐ < OR - 95° ☒ >95°

PHYSICAL STATE

☐ SOLID WITHOUT FREE LIQUID☒ LIQUID WITH NO SOLIDS☐ POWDER☐ MULTILAYERED☐ THICK VISCOUS LIQUID☐ MONOLITH☐ BILAYERED☐ LIQUID/SOLID MIXTURE (INDICATE %) 10.0 % FREE LIQUID

% SETTLED SOLIDS

% TOTAL SUSPENDED SOLIDS

D. COMPOSITION

Kerosene 40-45 %Jet Fuel 15-20 %Paint Thinner (Trichloroethylene) 20-35 %Water 0-5 %

MSDS's ATTACHED

☐ YES☒ NO

E. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME Waste Flammable LiquidsD.O.T. HAZARD CLASS OR DIVISION 3UNNA # 1993PACKING GROUP II

HAZARD ZONE

RQ

F. SHIPMENT METHOD

☐ BULK LIQUID☐ BULK SOLID☒ DRUM (SIZES) 55☐ OTHER (SPECIFY)

G. ANTICIPATED VOLUME

FREQUENCY

☒ ONE TIME☐ WEEK☐ MONTH☐ QUARTER☐ YEAR

H. WASTE DISPOSAL STATUS

USEPA HAZARDOUS WASTE

☒ YES☐ NOUSEPA HAZARDOUS WASTE NUMBER(S) D001, D040

STATE HAZARDOUS WASTE

☒ YES☐ NOSTATE HAZARDOUS WASTE NUMBER(S) D001, D040IS THIS A RESTRICTED WASTE UNDER THE LAND BAN REGULATIONS? ☒ YES ☐ NOTHIS WASTE IS A ☐ WASTEWATER ☒ NON-WASTEWATER PER USEPA DEFINITION, IN 40 CFR 268.2.DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE? ☐ YES ☒ NOIS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS? ☐ YES ☒ NO

IF YES SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401.

DOES THE WASTE REQUIRE NOTIFICATION UNDER THE BENZENE NESHAP RULES?

☐ YES☒ NO

I. OTHER HAZARDS

OXIDIZER

YES

NO

WATER REACTIVE

RADIOACTIVE

DIOXIN

INFECTIOUS, ETIOLOGICAL AGENT, PATHOGEN,

OR BIOLOGICAL MATERIAL

CARCINOGENS

MUTIGEN, REPRODUCTIVE TOXINS

YES

NO

HERBICIDE

EXPLOSIVE

PYROPHORIC

SHOCK SENSITIVE

YES

NO

Profile Number U 28306

NO.		LEVEL (ppm)	CONCENTRATION (ppm) REPORTED AS	TOTAL
METALS			<input checked="" type="checkbox"/> TCLP	
D004	ARSENIC	5.0	Below Registered	
D005	BARIUM	100.0		
D006	CADMIUM	1.0		
D007	CHROMIUM	5.0		
	CHROMIUM CR + 6			
D008	LEAD	5.0		
D009	MERCURY	0.2		
D010	SILFNIUM	1.0		
D011	SILVER	5.0		
PESTICIDES AND HERBICIDES			<input checked="" type="checkbox"/> TCLP	
D012	ENDRIN	0.02	Below Registered	
D013	LINDANE	0.4		
D014	METHOXYCHLOR	10.0		
D015	TOXAPHENE	0.5		
D016	2,4-D	10.0		
D017	2,4,5-TP (SILVEX)	1.0		
D020	CHLORDANE	0.03		
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		
VOLATILE ORGANIC COMPOUNDS			<input checked="" type="checkbox"/> TCLP	
D018	BENZENE	0.5	Below Registered	
D019	CARBON TETRACHLORIDE	0.5		
D021	CHLORO BENZENE	100.0		
D022	CHLOROFORM	8.0		
D028	1,2-DICHLOROETHANE	0.5		
D029	1,1-DICHLOROETHYLENE	0.7		
D035	METHYL ETHYL KETONE	200.0		
D039	TETRACHLOROETHYLENE	0.7		
D040	TRICHLOROETHYLENE	0.5		
D043	VINYL CHLORIDE	0.2		
SEMI-VOLATILE ORGANIC COMPOUNDS			<input checked="" type="checkbox"/> TCLP	
D023	o-CRESOL	200.0	Below Registered	
D024	m-CRESOL	200.0		
D025	p-CRESOL	200.0		
D026	CRFSOL (TOTAL)	200.0		
D027	1,4-DICHLOROBENZENE	7.5		
D030	2,4-DINITROTOLUENE	0.13		
D032	HEXACHLOROBENZENE	0.13		
D033	HEXACHLOROBUTADIENE	0.5		
D034	HEXACHLOROETHANE	3.0		
D036	NITROBENZENE	2.0		
D037	PENTACHLOROPHENOL	100.0		
D038	PYRIDINE	5.0		
D041	2,4,5-TRICHLOROPHENOL	400.0		
D042	2,4,6-TRICHLOROPHENOL	2.0		

K. OTHER COMPOUNDS (ppm)		TIN		TOTAL CYANIDE		HOCs	
AMMONIA	None Detected	None Detected		None Detected		None Detected	
BERYLLIUM		COBALT		AMENABLE CYANIDE		PCBs	
THALLIUM		NICKEL		F001-F005 SOLVENTS		CHELATORS	
COPPER		ZINC		SULFIDES			

L. SAMPLE STATUS
A REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED ☒ YES ☐ NO

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS

FOR CLEAN HARBORS USE ONLY
per T. Straka 5/17/84

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste.

AUTHORIZED SIGNATURE Herbert Parsons NAME (PRINT) HERBERT PARSONS

TITLE 5/4/84 DATE

Profile Number U 28306

Clean Harbors

Page 1 of 2

WASTE MATERIAL PROFILE SHEET

(Please complete all areas, leave nothing blank)

05072

A. GENERAL INFORMATION

GENERATOR US Air Group Inc.
FACILITY ADDRESS Manhasset Dept Service Bldg
Manhasset Int Airport Syosset NY 11312
SIC NUMBER _____
GENERATOR USEPA ID# NYD 000 724 531
GENERATOR STATE ID # _____
TECHNICAL CONTACT Jim Oltman
TECHNICAL CONTACT'S PHONE (516) 455-1655

BILL TO: Sue
BILL TO ADDRESS

CLEAN HARBORS CONTACT PERSON T. Smiley
 CLEAN HARBORS SERVICE CENTER LOCATION Syracuse, NY
 SAMPLE APPROVAL P.O. # WIO
 CUSTOMER CONTACT _____
 CUSTOMER CONTACT'S PHONE _____

B. WASTE DESCRIPTION

COMMON NAME FOR WASTE Flair Cleaner
PROCESS GENERATING THE WASTE Vision Products

C. PROPERTIES

PH ☒ < 2 ☐ 2-4 ☒ 5-9 ☐ 10-12.5 ☐ > 12.5 ACTUAL 6
% TOC < 50 BTUS/POUND < 5000 % ASH < 1 % SULFUR < 1 COLOR Clear
% TOTAL CHLORINE 0 SPECIFIC GRAVITY/DENSITY 1.0 ODOR None % ACIDITY/ALKALINITY 4/12
FLASHPOINT (°F) > 73° ☐ < 73° ☐ 73-99° ☐ 100-139° ☐ 140-200° ☒ > 200° NONE
BOILING POINT (°F) < OR = 95° ☒ > 95°

PHYSICAL STATE

<input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS	<input type="checkbox"/> POWDER	<input type="checkbox"/> MULTILAYERED
<input type="checkbox"/> THICK VISCOUS LIQUID	<input type="checkbox"/> GEL	<input type="checkbox"/> BILAYERED
<input type="checkbox"/> LIQUID/SOLID MIXTURE (INDICATE %)	% FREE LIQUID	% SETTLED SOLIDS
		% TOTAL SUSPENDED SOLIDS

D. COMPOSITION

Winter	50-85	0/0		0/0
Nov. Newitz Scrap	15-20	0/1		0/1
		0/0		0/0
		0/0		0/0
		0/0		0/0
		0/1		0/0

MSDS's ATTACHED ☐ YES ☒ NO

E. DEPARTMENT OF TRANSPORTATION INFORMATION

O.O.T. SHIPPING NAME Non H2 Non Reg (Soap Cleaner)
O.O.T. HAZARD CLASS OR DIVISION _____
UN/NA # _____ PACKING GROUP _____ HAZARD ZONE _____ RC _____

F. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZES) 55
☐ OTHER (SPECIFY) _____

G. ANTICIPATED VOLUME

2
FREQUENCY ☒ ONE TIME ☐ WEEK ☐ MONTH ☐ QUARTER ☐ YEAR
☐ GALS. ☒ DRUMS ☐ CUBIC YARDS

H. WASTE DISPOSAL STATUS

USEPA HAZARDOUS WASTE YES ☒ NO
USEPA HAZARDOUS WASTE NUMBER(S) _____

STATE HAZARDOUS WASTE ☐ YES ☒ NO MM 99
 STATE HAZARDOUS WASTE NUMBER(S) _____
 IS THIS A RESTRICTED WASTE UNDER THE LAND BAN REGULATIONS? ☐ YES ☒ NO
 THIS WASTE IS A ☐ WASTEWATER ☒ NON-WASTEWATER PER USEPA DEFINITION, IN 40 CFR 266.2.
 DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE? ☐ YES ☒ NO
 IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS? ☐ YES ☒ NO
 IF YES SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401.

DOES THE WASTE REQUIRE NOTIFICATION UNDER THE BENZENE NESHAP RULES? YES ☐ NO ☒

I. OTHER HAZARDS

YES		NO		YES		NO		YES		NO	
OXIDIZER	<input type="checkbox"/>	<input checked="" type="checkbox"/>	INFECTIOUS, ETIOLOGICAL AGENT, PATHOGEN,	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HERBICIDE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	<input checked="" type="checkbox"/>
WATER REACTIVE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	OR BIOLOGICAL MATERIAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EXPLOSIVE	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
RADIOACTIVE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CARCINOGENS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PYROPHORIC	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
DIOXIN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MUTIGEN, REPRODUCTIVE TOXINS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SHOCK SENSITIVE	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
			PESTICIDE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	THERMALLY SENSITIVE	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Profile Number 028318

J. TOXICITY CHARACTERISTIC COMPOUNDS CONCENTRATION. COMPLETED BASED ON ☒ KNOWLEDGE OR ☐ TESTING
IF BASED ON TESTING, INCLUDE ANALYTICAL RESULTS

WASTE NO.	COMPOUND	REGULATORY LEVEL (ppm)	CONCENTRATION (ppm) REPORTED AS	TCLP	TOTAL	
METALS						
D004	ARSENIC	5.0	Below Regulatory Levels			
D005	BARIUM	100.0				
D006	CADMIUM	1.0				
D007	CHROMIUM	5.0				
	CHROMIUM CR + 6					
D008	LEAD	5.0				
D009	MERCURY	0.2				
D010	SELENIUM	1.0				
D011	SILVER	5.0				
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHEN	0.5				
D016	2,4 D	1.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

D012	ENDRIN	0.02	Below Regulatory Levels
D013	LINDANE	0.4	
D014	METHOXYCHLOR	10.0	
D015	TOXAPHEN	0.5	
D016	2,4 D	1.0	
D017	2,4,5-TP (SILVEX)	1.0	
D020	CHLORDANE	0.03	
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008	

D018	BENZENE	0.5	Below Regulatory Levels	
D019	CARBON TETRACHLORIDE	0.5		
D021	CHLOROBENZENE	100.0		
D022	CHI OROFORM	6.0		
D028	1,2-DICHLOROETHANE	0.5		
D029	1,1-DICHLOROETHYLENE	0.7		
D035	METHYL ETHYL KETONE	200.0		
D039	TETRACHLOROETHYLENE	0.7		
D040	TRICHLOROETHYLENE	0.5		
D043	VINYL CHLORIDE	0.2		

D023	o-CRESOL	200.0	Below Regulatory Levels		
D024	m-CRESOL	200.0			
D025	p-CRESOL	200.0			
D026	CRESOL (TOTAL)	200.0			
D027	1,4-DICHLOROBENZENE	7.5			
D030	2,4-DINITROTOLUENE	0.13			
D032	HEXACHLOROBENZENE	0.13			
D033	HEXACHLOROBUTADIENE	0.5			
D034	HEXACHLOROETHANE	3.0			
D036	NITROBENZENE	2.0			
D037	PENTACHLOROPHENOL	100.0			
D038	PYRIDINE	5.0			
D041	2,4,5-TRICHLOROPHENOL	400.0			
D042	2,4,6-TRICHLOROPHENOL	2.0			

K. OTHER COMPOUNDS (ppm)

AMMONIA	0	TIN	0	TOTAL CYANIDE	0	HOCs	0
BERYLLIUM	0	CORAL T	0	AMENABLE CYANIDE	0	PCBs	0
THALLIUM	0	NICKEL	0	F001-F005 SOLVENTS	0	CHELATORS	0
COPPER	0	ZINC	0	SULFIDES	0		

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED ☒ YES ☐ NO

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS

Clean Harbors

WASTE MATERIAL PROFILE SHEET

(Please complete all areas, leave nothing blank)

GENERAL INFORMATION

GENERATOR US Air Group
FACILITY ADDRESS Finance Dept
Service Rd. Hancock Int Airport Syracuse NY
C NUMBER 13812
GENERATOR USEPA ID# NYD 000 724 501
GENERATOR STATE ID #
TECHNICAL CONTACT Tom O'Hara
TECHNICAL CONTACT'S PHONE (315) 455-1655

BILL TO: S-f
BILL TO ADDRESS
CLEAN HARBORS CONTACT PERSON T. Striker
CLEAN HARBORS SERVICE CENTER LOCATION Syracuse
SAMPLE APPROVAL P.O. # WIO # 546918
CUSTOMER CONTACT
CUSTOMER CONTACT'S PHONE

B. WASTE DESCRIPTION

COMMON NAME FOR WASTE Bathroom Cleaner
PROCESS GENERATING THE WASTE Virgin Product Unused

C. PROPERTIES

PH ☐ <2 ☐ 2-4 ☒ 4-5 ☐ 10-12.5 ☐ >12.5 ACTUAL
% TOC <50 BTU/POUND 6000 % ASH <1 % SULFUR <1 COLOR Blue
% TOTAL CHLORINE <10 SPECIFIC GRAVITY/DENSITY 1.0 ODOR Sweet % ACIDITY/ALKALINITY <30
FLASHPOINT (°F) ☐ <73° ☐ 73-99° ☐ 100-139° ☐ 140-200° ☐ >200° ☒ NONE
BOILING POINT (°F) ☐ < OR = 95° ☒ > 95°

PHYSICAL STATE

☒ LIQUID WITH NO SOLIDS ☐ SOLID WITHOUT FREE LIQUID
☐ THICK VISCOUS LIQUID ☐ POWDER ☐ MULTILAYERED
☐ LIQUID/SOLID MIXTURE (INDICATE %) ☐ MONOLITH ☐ BILAYERED

% FREE LIQUID % SETTLED SOLIDS % TOTAL SUSPENDED SOLIDS

D. COMPOSITION

Component	%	%	%
Water	60-65		
Coloring Agent containing Chromium Compounds	0.5		
Soap (Sodium Lauryl Sulfate)	15-20		
Alcohol	10-15		

MSDS's ATTACHED ☐ YES ☒ NO

E. DEPARTMENT OF TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME NON-HAZARDOUS, NON-DOT REGULATED Hazardous waste (liquid)
D.O.T. HAZARD CLASS OR DIVISION 1
UN 3082 PACKING GROUP III HAZARD ZONE 1 RQ 1

F. SHIPMENT METHOD

☐ BULK LIQUID ☐ BULK SOLID ☒ DRUM (SIZES) 55
☐ OTHER (SPECIFY)

G. ANTICIPATED VOLUME

FREQUENCY 2 ☐ GALS. ☒ DRUMS ☐ CUBIC YARDS
☒ ONE TIME ☐ WEEK ☐ MONTH ☐ QUARTER ☐ YEAR

H. WASTE DISPOSAL STATUS

USEPA HAZARDOUS WASTE ☒ YES ☒ NO D007
USEPA HAZARDOUS WASTE NUMBER(S)

STATE HAZARDOUS WASTE ☒ YES ☒ NO D007
STATE HAZARDOUS WASTE NUMBER(S)

IS THIS A RESTRICTED WASTE UNDER THE LAND BAN REGULATIONS? ☒ YES ☐ NO
THIS WASTE IS A ☐ WASTEWATER ☒ NON-WASTEWATER PER USEPA DEFINITION, IN 40 CFR 268.2.
DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE? ☐ YES ☒ NO
IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS? ☐ YES ☒ NO
IF YES SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401.

DOES THIS WASTE REQUIRE NOTIFICATION UNDER THE BENZENE NESHAP RULES? ☐ YES ☒ NO

Profile Number U 28322

J. TOXICITY CHARACTERISTIC COMPOUNDS CONCENTRATION, COMPLETED BASED ON ☒ KNOWLEDGE OR ☐ TESTING
IF BASED ON TESTING, INCLUDE ANALYTICAL RESULTS

WASTE NO.	COMPOUND	REGULATORY LEVEL (ppm)	CONCENTRATION (ppm) REPORTED AS <input type="checkbox"/> TCLP	47 TOTAL
METALS				
0004	ARSENIC	5.0		
0005	BARIUM	100.0		
0006	CADMIUM	1.0		
0007	CHROMIUM	5.0		
	CHROMIUM CR + 6			
0008	LEAD	5.0		
0009	MERCURY	0.2		
0010	SELENIUM	1.0		
0011	SILVER	5.0		

PESTICIDES AND HERBICIDES

0012	EPICHLIN	0.02		
0013	LINDANE	0.1		
0014	METHOXYCHLOR	10.0		
0015	TOXAPHENE	0.1		
0016	3,4-D	10.0		
0017	2,4,6-TP (SILVEA)	1.0		
0020	CHLORDANE	0.03		
0031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		

VOLATILE ORGANIC COMPOUNDS

0018	BENZENE	0.5		
0019	CARBON TETRACHLORIDE	0.5		
0021	CHLOROBENZENE	100.0		
0022	CHLOROFORM	5.0		
0028	1,2-DICHLOROETHANE	0.5		
0029	1,1-DICHLOROETHYLENE	0.7		
0035	METHYL ETHYL KETONE	200.0		
0039	TETRACHLOROETHYLENE	0.7		
0040	TRICHLOROETHYLENE	0.5		
0043	VINYL CHLORIDE	0.2		

SEMI-VOLATILE ORGANIC COMPOUNDS

0023	o-CRESOL	200.0		
0024	m-CRESOL	200.0		
0025	p-CRESOL	200.0		
0026	CRESOL (TOTAL)	200.0		
0027	1,4-DICHLOROBENZENE	7.5		
0030	2,4-DINITROTOLUENE	0.13		
0032	HEXACHLOROBENZENE	0.13		
0033	HEXACHLOROBUTADIENE	0.5		
0034	HEXACHLOROETHANE	3.0		
0036	NITROBENZENE	2.0		
0037	PENTACHLOROPHENOL	100.0		
0038	PYRIDINE	5.0		
0041	2,4,5-TRICHLOROPHENOL	400.0		
0042	2,4,6-TRICHLOROPHENOL	7.0		

K. OTHER COMPOUNDS (ppm)

AMMONIA	220	TIN	210	TOTAL CYANIDE	0.006	MOCS	0.006
BERYLLIUM	2	COBALT	2	AMENABLE CYANIDE	0.006	PCBS	0.006
THALLIUM	2	NICKEL	2	FOOT-PODS SOLVENTS	0.006	CHELATORS	0.006
COPPER	2	ZINC	2	SIL FILMS	0.006		

L. SAMPLE STATUS

A REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED ☒ YES ☐ NO

M. SPECIFIC GENERATOR REQUEST FOR DISPOSAL AND/OR COMMENTS

Check for Chrome compounds 105718794 per Ted & Shoko

FOR CLEAN HARBORS USE ONLY

GENERATOR'S CERTIFICATION

I hereby certify that all information furnished in this and attached documents is correct to the best of my knowledge and belief and that I am duly qualified to provide such information.

James P. O'Hara James P. O'Hara MTC Foreman 5-18-94
AUTHORIZED SIGNATURE NAME (PRINT) TITLE DATE

OR (E)

OR (E)

OR (E)

OR (E)

OR (E)



DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

JSR # 546918

Please print or type. (Form designed for use on elite (12 pitch) typewriter.)

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.
NYD000724581

Manifest Document No.
23522

2. Page 1
Information in the shaded areas
is not required by Federal law

CLEAN HARBORS INCORPORATED
MAINTENANCE DEPARTMENT
HAWK OAK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212
Telephone: (315) 455-1655

Facility Name: CLEAN HARBORS ENV. SERVICES, INC.

Facility Address: 1000 E. 10th St. Syracuse, NY 13212

Facility Phone: (315) 455-1655

Facility Name: CLEAN HARBORS OF MAINTENANCE, INC.

Facility Address: 200 ORCHARD ST. SYRACUSE, NY 13212

Facility Phone: (315) 455-1655

6. US EPA ID Number
MAD000322250

8. US EPA ID Number
MAD000322250

10. US EPA ID Number
MAD003452637

A. State Manifest Document Number
MA H 723522

B. Facility Name
HANCOCK INTERNATIONAL
SYRACUSE, NY 13212

C. State License ID
NY PR 1561

D. Transporter's Phone
617 849 1800

E. State License ID
NY PR 1561

F. Transporter's Phone
617 849 1800

G. State Facility ID
NYC 100000000

H. Facility's Phone
617 849 1800

11. Hazardous Waste Description (including Proper Shipping Name, Hazard Class and ID Number)

HAZARDOUS WASTE SOLID, N.O.S., (BENZENE), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S.,
PETROLEUM, MOTOR OIL, COMBUSTIBLE LIQUID, UN1993,
PGII

HAZARDOUS WASTE LIQUID, N.O.S.,
PETROLEUM, TRICHLOROETHYLENE, 3, UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

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UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

HAZARDOUS WASTE LIQUID, N.O.S., (CHROMIUM), 9
UN1993, PGII

12. Containers	13. Total Quantity	14. Waste No.
No. Type		
5 DM 2250 P		0018
7 DM 385 G		0001
3 DM 165 G		0001 0040
1 DM 55 G		0007

15. Handling Codes for Materials Listed Above (include physical state and hazard code)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

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(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

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(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

(F) (S) (D) (X) (E) (C) (A) (B) (N) (P) (G) (H) (I) (J) (K) (L) (M) (O) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

K. Handling Codes for Wastes Listed Above

a. S1011 c. S1012

b. S1012 d. S1012

e. S1012 f. S1012

g. S1012 h. S1012

i. S1012 j. S1012

k. S1012 l. S1012

m. S1012 n. S1012

o. S1012 p. S1012

q. S1012 r. S1012

s. S1012 t. S1012

u. S1012 v. S1012

w. S1012 x. S1012

y. S1012 z. S1012

aa. S1012 ab. S1012

ac. S1012 ad. S1012

ae. S1012 af. S1012

ag. S1012 ah. S1012

ai. S1012 aj. S1012

ak. S1012 al. S1012

am. S1012 an. S1012

ao. S1012 ap. S1012

aq. S1012 ar. S1012

16. Date paper 1 Acknowledgment of Receipt of Materials
Signature: JAMES D. O'HARA Date: 05/19/94
17. Date paper 2 Acknowledgment of Receipt of Materials
Signature: MARK J. DONAS Date: 05/19/94
18. Date paper 3 Acknowledgment of Receipt of Materials
Signature: John Schmoeth Date: 05/20/94
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Signature: Michael D. Robillard Date: 05/23/94

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Job # 546918

Please print or type. (Form designed for use on plate (12 pitch) type writer)

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator NY 10097210781

Manifest Document No

23523

2. Page 1 of 1 Information in this block is not required by Federal law

MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212
US-155-1655

A. State Manifest Document Number
MA H 723523
B. State SYRACUSE, NY 13212

CLEAN HARBORS ENV SERVICES, INC.
1000 W. 10TH ST. SUITE 200
BRATTLEBORO, VT 05750

6. US EPA ID Number
MA009132250
8. US EPA ID Number
MA009132250
10. US EPA ID Number
MA053452637

C. State Trans ID
NY PR1561
D. Transporter's Phone
617 8491800
E. State Trans ID
F. Transporter's Phone
617 8491800
G. State Facility's ID
NOT REQUIRED
H. Facility's Phone
617 849-1807

11. DOT Description of Material (Proper Shipping Name, Hazard Class and ID Number)	12. Containers	13. Total Quantity	14. Unit	15. Waste No.
WASTE PETROLEUM OIL, COMBUSTIBLE LIQUID, UN120, PGIII	No. Type			
	3 DM	165	G	MA01
CLEANING COMPOUND, NOT DOT REGULATED, NONE, NONE	3 DM			NONE
FORMALDEHYDE, SOLUTIONS, G, UN2200, PGIII	1 DF	220	G	NONE
FLOOR CLEANER, NOT DOT REGULATED, NONE, NONE	4 DF	275	G	NONE
	1 DM	55	G	NONE

16. Physical State and Hazard Code	17. Handling Codes
(a) 3x85 (b) 4x55 1x85	a. S102 c. S102
(c) 1x55 3x85 (d) (T)	b. S02 d. S102

18. Emergency Call CHI AT 1-800-OIL-TANK NY STATE HANDLING CODES
11(b) 11(c) 11(d) 11(e)

19. I, the undersigned, hereby declare that the contents of this consignment are fully and accurately described above by the shipper and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in accordance with the International and national government regulations.
I am the owner, operator, or agent, and I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be reasonably practicable and to use the best available method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I am aware of.

20. Transporter's Acknowledgment of Receipt of Materials
Signature: James P. O'Hara Date: 05/19/94

21. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Signature: Mark L. Dumas Date: 05/19/94

22. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Signature: John Schimouth Date: 05/20/94

23. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Signature: Michael D. Robillard Date: 05/23/94

24. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Signature: Michael D. Robillard Date: 05/23/94



DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MA 846918

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.
NYD000724581

Manifest Document No.

23524

2. Page 1
of 1
Information in the shaded areas
is not required by Federal law.

GENEAL AIRCRAFT INCORPORATED
MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212

City or State Phone 315-455-1655

Transporter 1 Company Name
CLEAN HARBORS ENV. SERVICES, INC.

Transporter 1 Company Phone

Transporter 1 Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
97 QUINCY AVE
BRAINTREE, MA 02184

6. US EPA ID Number
MAD039322250

8. US EPA ID Number
MAD039322250

10. US EPA ID Number
MAD053452637

A. State Manifest Document Number
MA H723524

B. State HANCOCK INTERNATIONAL
SYRACUSE, NY 13212

C. State Trans ID
NY PR1561

D. Transporter's Phone (617) 849-1800

E. State Trans ID

F. Transporter's Phone (617) 849-1800

G. State Facility's ID NOT REQUIRED

H. Facility's Phone (617) 849-1807

11. Description of material (including Proper Shipping Name, Hazard Class and ID Number)

EMPTY DRUMS, NON D.O.T. REGULATED, NONE, NA

Quantity 170

12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
No. Type			
14 DM 700 P			NONE

16. Description of material (include physical state and hazard code.)

K. Handling Codes for Wastes Listed Above

a. S I O I c. b. d.

17. Emergency instructions (include telephone number and name of person to call in case of emergency) CALL CHL AT 1-800-OIL-TANK NY STATE HANDLING CODE: 11A) 6

18. Generator's Declaration: I hereby declare that the contents of this consignment are fully and accurately described above by the transporter and are in all respects in proper condition for transport by highway.

19. Transporter's Declaration: I hereby declare that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically achievable.

20. Transporter 1 Acknowledgement of Receipt of Materials
Name: JAMES P. O'HARA Signature: James P. O'Hara Date: 05/19/94

21. Transporter 2 Acknowledgement of Receipt of Materials
Name: MARK J. DUMAS Signature: Mark J. Dumas Date: 05/19/94

22. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Name: JOHN SCHMIDT Signature: John Schmidt Date: 05/20/94

23. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Name: MICHAEL D. ROBILLOTT Signature: Michael D. Robillott Date: 05/23/94

ATTACHMENT 3

MONITORING WELL DATA
LABORATORY ANALYTICAL RESULTS

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION : METHOD BLANK		MW-1	MW-2	MW-3	MW-4	O-W	BLANK
HAS SAMPLE #31-1383-	----	001	002	003	004	005	006
DATE ANALYZED:	9-10-91	9-10-91	9-10-91	9-10-91	9-10-91	9-10-91	9-10-91
COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	<0.50
TOLUENE -----	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<0.50
ETHYL BENZENE ----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
TOTAL XYLENES -----	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD DOH 310-13
PETROLEUM PRODUCTS IN WATER

SAMPLE IDENTIFICATION :	METHOD BLANK	MW-1	MW-3	MW-4
HAS SAMPLE #91-1383-	---	001	003	004
DATE ANALYZED:	9-12-91	9-12-91	9-12-91	9-12-91
COMPOUND	RESULT ug/L	RESULT ug/L	RESULT ug/L	RESULT ug/L
GASOLINE -----	ND	ND	ND	ND
KEROSENE -----	<100	<100	<100	<100
FUEL OILS -----	<100	<100	<100	<100
LUBE OIL -----	ND	ND	ND	ND

ND = NONE DETECTED

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-0684

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: GTA-93-43; U.S. AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

JUNE 22, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:	OIL WATER	MW-1	MW-2	MW-3	MW-4	BLANK
HAS SAMPLE #930684	01	02	03	04	05	06
ANALYTE	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE _____	20	<0.50	<0.50	<0.50	<0.50	<0.50
TOLUENE _____	130	<0.50	<0.50	<0.50	<0.50	<0.50
ETHYL BENZENE _____	17	<0.50	<0.50	<0.50	<0.50	<0.50
TOTAL XYLENES _____	610	<1.0	<1.0	<1.0	<1.0	<1.0
CHLOROBENZENE _____	NR	<0.50	<0.50	<0.50	<0.50	<0.50
1,4-DICHLOROBENZENE _____	NR	<0.50	<0.50	<0.50	<0.50	<0.50
1,3-DICHLOROBENZENE _____	NR	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-DICHLOROBENZENE _____	NR	<1.0	<1.0	<1.0	<1.0	<1.0
DATE EXTRACTED:	5-14-93	5-14-93	5-14-93	5-14-93	5-14-93	5-14-93
DATE ANALYZED:	5-14-93	5-14-93	5-14-93	5-14-93	5-14-93	5-14-93

NOTE: NR = NOT REQUIRED

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:

METHOD
BLANK

HAS SAMPLE #930684

-

ANALYTE	RESULT ug/l	MDL ug/l
BENZENE _____	<0.50	0.50
TOLUENE _____	<0.50	0.50
ETHYL BENZENE _____	<0.50	0.50
TOTAL XYLENES _____	<1.0	1.0
CHLOROBENZENE _____	<0.50	0.50
1,4-DICHLOROBENZENE _____	<0.50	0.50
1,3-DICHLOROBENZENE _____	<0.50	0.50
1,2-DICHLOROBENZENE _____	<1.0	1.0

DATE EXTRACTED:

5-14-93

DATE ANALYZED:

5-14-93

NOTE: NR = NOT REQUIRED

HUNTINGDON ANALYTICAL SERVICES

METHOD DOH 310-13
PETROLEUM PRODUCTS IN WATER

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	BLANK	METHOD BLANK	
HAS SAMPLE #930684	02	03	04	05	06	-	
ANALYTE	RESULT ug/L	RESULT ug/L	RESULT ug/L	RESULT ug/L	RESULT ug/L	RESULT ug/L	MDL ug/L
GASOLINE-----	ND	ND	ND	ND	ND	ND	ND
KEROSENE-----	<100	<100	<100	<100	<100	<100	<100
FUEL OILS-----	<100	<100	<100	<100	<100	<100	<100
LUBE OIL-----	ND	ND	ND	ND	ND	ND	ND
DATE EXTRACTED:	5-27-93	5-27-93	5-27-93	5-27-93	5-27-93	5-27-93	
DATE ANALYZED:	5-28-93	5-28-93	5-28-93	5-28-93	5-28-93	5-28-93	

ND - NONE DETECTED

EMPIRE SOILS INVESTIGATIONS, INC.

HUNTINGDON ANALYTICAL SERVICES

CHAIN OF CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Page | of |

Client Name: Empire Soils
 Address: 100 Corona Ave.
Gratana, N.Y. 13023
 Contact: Steve Zientek
 Phone: 602-888-5881 (4760)

Project No.: GTA-83-43Project Site/Name: U.S. AIRSampler's Signature: [Signature]

HAS Quote # _____

P.O. # _____

HAS Ref. No.: 93 0684

Sample I.D.	Date	Time	Comp. or Grab	Sample Location	HAS Seq. #	Matrix	No. of Cont.	Container Size & Type						Analysis Requested/Remarks
								2 40 ml	1 950 ml	HAS				
OIL WATER	5-5-83	1130	G	OIL WATER separator	01	H ₂ O	4	2	1	1				EPA 602 (BTEX) OIL & GREASE
MW-1	5-5-83	1245	G	MW-1	02	H ₂ O	3	2	1					EPA 602, TPH 310.13
MW-2	5-5-83	1300	G	MW-2	03	H ₂ O	3	2	1					602, TPH 310.13
MW-3	5-5-83	1310	G	MW-3	04	H ₂ O	3	2	1					602, TPH 310.13
MW-4	5-5-83	1315	G	MW-4	05	H ₂ O	3	2	1					602, TPH 310.13
BLANK	5-5-83	-		-	06		2	1	1					602, TPH 310.13
/	/	/		/	AP	/	/	/	/				/	/
/	/	/		/		/	/	/	/				/	/
/	/	/		/		/	/	/	/				/	/

Relinquished by: <u>[Signature]</u>	Date/Time: <u>5-6-83 1200</u>	Received by:	Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:	Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received for Lab by: <u>[Signature]</u>	Date/Time: <u>5/7/83 1:40</u>	Remarks:	

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 94-1003

PREPARED FOR:

HUNTINGDON ENGINEERING & ENVIRONMENTAL
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

JULY 21, 1994

Huntingdon

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT


REPORT NUMBER: 94-1003

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

- 40 CFR PART 136, "GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT", OCTOBER 26, 1984 (FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS", OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.

THIS REPORT CONTAINS ANALYTICAL DATA BASED ON OUR EXAMINATION OF THE SAMPLE(S) PRESENTED TO US. THIS REPORT CONTAINS (EXCEPT WHERE EXPLICITLY STATED) A COMPLETE ACCOUNT OF THE ANALYSES REQUESTED TO BE PERFORMED ON THE SAMPLE(S). INFORMATION WHICH WAS NOT REQUESTED TO BE REPORTED IS NOT INCLUDED.



PHILLIP A. KUYKENDALL JULY 21, 1994
ENVIRONMENTAL LABORATORY MANAGER

REPORT CODE LEGEND:

<DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
NA = NOT APPLICABLE
INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

Huntingdon

HUNTINGDON ANALYTICAL SERVICES

METHOD DOH 310-13
PETROLEUM PRODUCTS IN WATER

SAMPLE IDENTIFICATION	MW-1	MW-2	MW-3	MW-4	METHOD BLANK
-----------------------	------	------	------	------	-----------------

HAS SAMPLE #941003	01	02	03	04	--
--------------------	----	----	----	----	----

ANALYTE	RESULT ug/L	RESULT ug/L	RESULT ug/L	RESULT ug/L	RESULT ug/L	DL ug/L
GASOLINE-----	ND	ND	ND	ND	ND	ND
KEROSENE-----	<100	<100	<100	<100	<100	100
FUEL OILS-----	<100	<100	<100	<100	<100	100
LUBE OIL-----	ND	ND	ND	ND	ND	ND

DATE EXTRACTED:	7/11/94	7/11/94	7/11/94	7/11/94	7/11/94
-----------------	---------	---------	---------	---------	---------

DATE ANALYZED:	7/11/94	7/11/94	7/11/94	7/11/94	7/11/94
----------------	---------	---------	---------	---------	---------

ND=NONE DETECTED

EPA METHOD 602
PURGEABLE AROMATICS

HAS SAMPLE #941003

MW-1	MW-2	MW-3	MW-4	OIL WATER	METHOD BLANK
------	------	------	------	-----------	-----------------

BENZENE -----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50
TOLUENE -----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50
ETHYLBENZENE -----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50
m/p-XYLENE -----	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0
o-XYLENE -----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50

DATE ANALYZED: 7-14-94 7-14-94 7-14-94 7-14-94 7-14-94 7-13-94

EMPIRE SOILS INVESTIGATIONS, INC.

HUNTINGDON ANALYTICAL SERVICES - CHAIN-OF-CUSTODY RECORD AND ANALYTICAL REQUEST FORM

PAGE OF

Client Name:

EST

Address:

1040 GONNA AVE
BOSTON, MA 02130-73

Client Contact:

Steele

HAS Quote #

Phone:

602-888-0881
858-1760 (FAX)

P.O. #

Project No.:

GTA-8343

Project/Site Name:

U.S. AIR

Container Size & Type

Sampler's Signature:

[Signature]

HAS Ref. No. 92-

94-1003

M
A
T
R
I
X

No.
of
Cont.

40 ML, 100 ML, HAP

Analysis Requested/Remarks

Sample I.D.	Date	Time	Comp or Grab	Sample Location	HAS Seq. #	1 X	of Cont.	1 ML	1 ml	1 H2O	1	1	1	1
MW-1	7-6-94	1515	G	MW-1	01	40	3	2	1	-				TPH 310.13 / 602 BTEX
MW-2	7-6-94	1530	G	MW-2	02	40	3	2	1	-				TPH 310.13 / 602 BTEX
MW-3	7-6-94	1545	G	MW-3	03	40	3	2	1	-				TPH 310.13 / 602 BTEX
MW-4	7-6-94	1600	G	MW-4	04	40	3	2	1	-				TPH 310.13 / 602 BTEX
oil water	7-6-94	1450	G	oil/water	05	40	4	2	1	1				PH / OIL & GREASE / 602 BTEX

Relinquished by:

[Signature]

Date/Time Received by:

7-7-94 1320

Relinquished by:

Date/Time:

Received by:

Relinquished by:

Date/Time Received for Lab by:

[Signature]

Date/Time:

7/8/94 1320

Remarks:

DATE: 06/20/95

Upstate Laboratories, Inc.

Analysis Results

Report Number: 15295030

Client I.D.: EMPIRE SOILS INVEST.-GROTON

Sampled by: Client

APPROVAL: *[Signature]*

QC: *[Signature]*

Lab I.D.: 10170

GE-95-39 US AIR

MW-1 1100H 06/01/95 G

ULI I.D.: 15795025

Matrix: Water

PARAMETERS

RESULTS

DATE ANAL.

KEY

FILE

EPA Method 602

Benzene	<1ug/l	06/14/95		VA14
Toluene	<1ug/l	06/14/95		VA14
Ethylbenzene	<1ug/l	06/14/95		VA14
m-Xylene and p-Xylene	<1ug/l	06/14/95		VA14
o-Xylene	<1ug/l	06/14/95		VA14
Chlorobenzene	<1ug/l	06/14/95		VA14
1,2-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,3-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,4-Dichlorobenzene	<1ug/l	06/14/95		VA14

Petroleum, Gas Chromatography

Gasoline	<0.1mg/l	06/09/95		PA18
Fuel #1 (Kerosene)	<0.1mg/l	06/09/95		PA18
Fuel #2	<0.1mg/l	06/09/95		PA18
Lubricating/Insulating/Hydraulic	<0.1mg/l	06/09/95		PA18
Unidentified Hydrocarbons	<0.1mg/l	06/09/95		PA18
Total Petroleum Hydrocarbons	<0.1mg/l	06/09/95		PA18

DATE: 06/20/95

Upstate Laboratories, Inc.

Analysis Results

Report Number: 15295030

Client I.D.: EMPIRE SOILS INVEST.-GROTON

Sampled by: Client

APPROVAL: *[Signature]*

QC: *[Signature]*

Lab I.D.: 10170

GE-95-39 US AIR

MW-2 1110H 06/01/95 G

ULI I.D.: 15795026

Matrix: Water

PARAMETERS

RESULTS

DATE ANAL.

KEY

FILE

EPA Method 602

Benzene	<1ug/l	06/14/95		VA14
Toluene	<1ug/l	06/14/95		VA14
Ethylbenzene	<1ug/l	06/14/95		VA14
m-Xylene and p-Xylene	<1ug/l	06/14/95		VA14
o-Xylene	<1ug/l	06/14/95		VA14
Chlorobenzene	<1ug/l	06/14/95		VA14
1,2-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,3-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,4-Dichlorobenzene	<1ug/l	06/14/95		VA14

Petroleum, Gas Chromatography

Gasoline	<0.1mg/l	06/09/95		PA18
Fuel #1 (Kerosene)	<0.1mg/l	06/09/95		PA18
Fuel #2	<0.1mg/l	06/09/95		PA18
Lubricating/Insulating/Hydraulic	<0.1mg/l	06/09/95		PA18
Unidentified Hydrocarbons	<0.1mg/l	06/09/95		PA18
Total Petroleum Hydrocarbons	<0.1mg/l	06/09/95		PA18

DATE: 06/20/95

Upstate Laboratories, Inc.

Analysis Results

Report Number: 15295030

Client I.D.: EMPIRE SOILS INVEST.-GROTON

Sampled by: Client

APPROVAL: *[Signature]*

QC: *[Signature]*

Lab I.D.: 10170

GE-95-39 US AIR

MW-3 1115H 06/01/95 G

ULI I.D.: 15795027

Matrix: Water

PARAMETERS	RESULTS	DATE ANAL.	KEY	FILE
EPA Method 602				
Benzene	<1ug/l	06/14/95		VA14
Toluene	<1ug/l	06/14/95		VA14
Ethylbenzene	<1ug/l	06/14/95		VA14
m-Xylene and p-Xylene	<1ug/l	06/14/95		VA14
o-Xylene	<1ug/l	06/14/95		VA14
Chlorobenzene	<1ug/l	06/14/95		VA14
1,2-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,3-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,4-Dichlorobenzene	<1ug/l	06/14/95		VA14
Petroleum, Gas Chromatography				
Gasoline	<0.1mg/l	06/09/95		PA18
Fuel #1 (Kerosene)	<0.1mg/l	06/09/95		PA18
Fuel #2	<0.1mg/l	06/09/95		PA18
Lubricating/Insulating/Hydraulic	<0.1mg/l	06/09/95		PA18
Unidentified Hydrocarbons	<0.1mg/l	06/09/95		PA18
Total Petroleum Hydrocarbons	<0.1mg/l	06/09/95		PA18

DATE: 06/20/95

Upstate Laboratories, Inc.

Analysis Results

Report Number: 15295030

Client I.D.: EMPIRE SOILS INVEST.-GROTON

Sampled by: Client

APPROVAL: 

QC: 

Lab I.D.: 10170

GE-95-39 US AIR

MW-4 1120H 06/01/95 G

ULI I.D.: 15795028

Matrix: Water

PARAMETERS

RESULTS

DATE ANAL.

KEY

FILE

EPA Method 602

Benzene	<1ug/l	06/14/95		VA14
Toluene	<1ug/l	06/14/95		VA14
Ethylbenzene	<1ug/l	06/14/95		VA14
m-Xylene and p-Xylene	<1ug/l	06/14/95		VA14
o-Xylene	<1ug/l	06/14/95		VA14
Chlorobenzene	<1ug/l	06/14/95		VA14
1,2-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,3-Dichlorobenzene	<1ug/l	06/14/95		VA14
1,4-Dichlorobenzene	<1ug/l	06/14/95		VA14

Petroleum, Gas Chromatography

Gasoline	<0.1mg/l	06/09/95		PA183
Fuel #1 (Kerosene)	<0.1mg/l	06/09/95		PA183
Fuel #2	<0.1mg/l	06/09/95		PA183
Lubricating/Insulating/Hydraulic	<0.1mg/l	06/09/95		PA183
Unidentified Hydrocarbons	<0.1mg/l	06/09/95		PA183
Total Petroleum Hydrocarbons	<0.1mg/l	06/09/95		PA183

DATE: 06/20/95

Upstate Laboratories, Inc.

Analysis Results

Report Number: 15295030

Client I.D.: EMPIRE SOILS INVEST.-GROTON

Sampled by: Client

APPROVAL: *[Signature]*

QC: *[Signature]*

Lab I.D.: 10170

GE-95-39 US AIR

BLANK 06/01/95

ULI I.D.: 15795029

Matrix: Water

PARAMETERS

RESULTS

DATE ANAL.

KEY

FILE

EPA Method 602

Benzene

<lug/l

06/16/95

VA14

Toluene

<lug/l

06/16/95

VA14

Ethylbenzene

<lug/l

06/16/95

VA14

m-Xylene and p-Xylene

<lug/l

06/16/95

VA14

o-Xylene

<lug/l

06/16/95

VA14

Chlorobenzene

<lug/l

06/16/95

VA14

1,2-Dichlorobenzene

<lug/l

06/16/95

VA14

1,3-Dichlorobenzene

<lug/l

06/16/95

VA14

1,4-Dichlorobenzene

<lug/l

06/16/95

VA14

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 BDL(BELOW DETECTION LIMITS)
9 MDL(METHOD DETECTION LIMITS)
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMIT)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM
THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE
WITHIN EXPERIMENTAL ERROR
16 SUBCONTRACTED
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 DEPENDING UPON THE INTENDED USE OF THIS TEST RESULT, CONFIRMATION BY GC/MS
OR DUAL COLUMN CHROMATOGRAPHY MAY BE REQUIRED
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION
LIMIT
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL
LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 INDIVIDUAL AROCLORS DO NOT CARRY A DETECTION LIMIT BUT ARE INCLUSIVE
TO THE TOTAL PCB CONTENT
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON
PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS)
PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS)
PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED
TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20,
CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

13 AUG 25 - 20

CHAIN OF CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Page ____ of ____

Client Name:

Address:

Contact:

Phone:

Project No.:

Project Site/Name:

Sampler's Signature:

Ref.#9

P.O.#

Quote#

[illegible]

Relinquished by: <i>[Signature]</i>	Date/Time: 05 June 85 1200	Received by: <i>[Signature]</i>	Relinquished by: <i>[Signature]</i>	Date/Time: 6/8/85 1700	Received by:
Relinquished by:	Date/Time:	Received by:	Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received for Lab by: <i>[Signature]</i>	Date/Time: 6-5-85 1700	Remarks: <i>SAMPLES STORED IN REFRIGERATOR OVER WEEKEND</i>	

Please Refer to DO# 1000

ATTACHMENT 4

OCDDS LETTER - MARCH 5, 1996

COUNTY OF ONONDAGA



DEPARTMENT OF DRAINAGE AND SANITATION

650 HIAWATHA BOULEVARD, WEST
SYRACUSE, NEW YORK 13204-1194

NICHOLAS J. PIRRO
COUNTY EXECUTIVE

TEL: 315/435-2260

315/435-6820

FAX: 315/435-5023

JOHN M. KARANIK
COMMISSIONER

March 5, 1996

Mr. John Trendowski, P.E.
C&S Engineers, Inc.
1099 Airport Boulevard
North Syracuse, New York 13212

Re: **USAir Ground Service Equipment (GSE) Maintenance Facility at Hancock
Airport**

Mr. Trendowski:

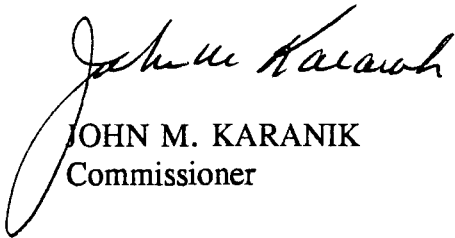
We have reviewed the information that you submitted on behalf of USAir. In addition, David Colbert of this office conducted an inspection of the USAir GSE facility on 2/2/96. As a result, it has been determined that USAir does not need a permit from this department in order to discharge wastewater to the sanitary sewer system. However, the oil/water separator that is currently in use at the GSE facility must be properly maintained to prevent the discharge of oils to the sewer system. In addition, oil, antifreeze and other similar products must not be stored near the floor drains.

This determination is made based on the current operational characteristics of the facility. Should the operations of this facility change significantly, a new determination will have to be made.

Should you have any questions, please contact Sandra Tuori-Bell or David Colbert.

Sincerely,

DEPARTMENT OF DRAINAGE AND SANITATION

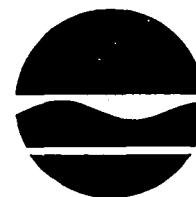

JOHN M. KARANIK
Commissioner

DRC/ss

cc: Art Russell
Ron Leone
File - Miscellaneous Industry File

New York State Department of Environmental Conservation
Division of Environmental Enforcement
50 Wolf Road
Room 400
Albany, New York 12233-5550

Telephone: (518) 457-7821
Fax: (518) 457-7819



Michael D. Zagata
Commissioner

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

JAN 4 1996

US Air, Inc.
Hancock International Airport
North Syracuse, N.Y. 13212
Attn: Mr. Sal Pusateri, Station Manager

RE: EPA/DEC Joint Request for Information

Dear Mr. Pusateri:

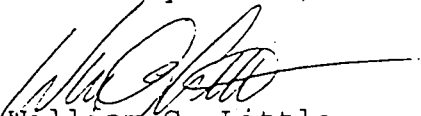
This correspondence responds to your company's reply to the joint request for information from EPA and the Department, received by U.S. Air in March of 1995. After review, the Department has identified several data gaps in U.S. Air's reply, as set out in the questions below. Pursuant to the underlying State and Federal authority set forth in the March 1995 joint request, please submit the requested information within 30 days of your receipt of this correspondence.

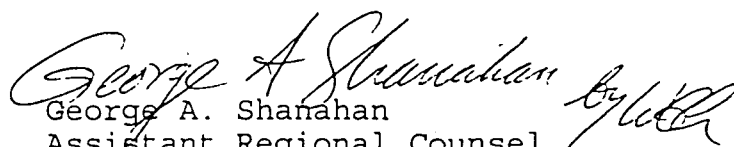
1. In response to question 9 of the joint request, U.S. Air indicated that a closure operation was performed for the joint U.S. Air/American Airlines fuel farm. Please provide a description of the closure activities and any available reports and analytical data (for waste and environmental media sampling), including the closure workplan and final report prepared for this operation.
2. The same response references a "one time airport cleanup" completed by U.S. Air which consisted of "monitoring and disposal of a number of drums of unknown material". Please indicate the type of monitoring that occurred and provide a description of the cleanup activities and any available analytical data. Kindly include the cleanup workplan and the final report prepared for this operation.
3. In conjunction with response number 9, Figure 2 of the Spill Prevention Control and Countermeasure Plan shows monitoring wells. Please provide any available groundwater data for samples collected from these wells. In addition, please provide any available analytical data regarding the Airport's stormwater outfalls.

4. Pursuant to question 13 of the joint request, please provide a copy of any Onondaga County Department of Drainage and Sanitation Industrial Wastewater Discharge permit possessed by U.S. Air.

We hope that EPA's and the Department's receipt of this supplemental information will complete your company's response. We will continue to review your company's submittal and therefore must reserve our rights to ask for further supplemental information at a later date if it becomes necessary. Please contact Mr. Little at the above telephone number if you have any questions.

Sincerely Yours,


William G. Little
Associate Attorney
Division of Environmental
Enforcement


George A. Shanahan
Assistant Regional Counsel
United States Environmental
Protection Agency, Region II

cc: Mr. John R. Trendowski, P.E.
C & S Engineers
1099 Airport Blvd.
North Syracuse, N.Y. 13212

Mr. Albert DiBernardo, TAMS

bcc: Commissioner Zagata
G. Shanahan, EPAREG2
H. King, EPAREG2
D. Hesler
A. Peterson

ONONDAGA LAKE

NYD986913580

OU: 00

8.0 GENERAL ENFORCEMENT

8.1.2 PRP Specific Info and Correspondence

USAir Group, Inc.

No. 2

0000026037



USAir

Pittsburgh International Airport
P.O. Box 12346
Pittsburgh, PA 15231-0346

June 1, 1995

Mr. William Daigle, P.E.
Chief, Special Projects Section
NYS Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233-7010

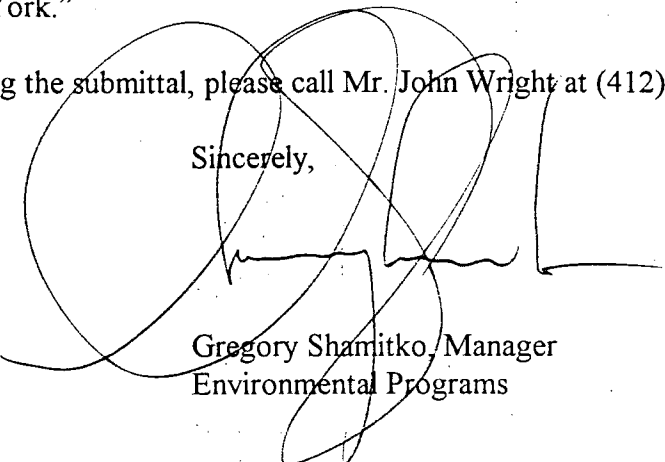
**Re: Joint Request For Information Concerning Disposal of
Hazardous Substances at Onondaga Lake, Syracuse, New York**

Dear Mr. Daigle:

In response to the Joint Request for Information, USAir is submitting the document entitled "Responses to Joint Request For Information Concerning Disposal of Hazardous Substances at Onondaga Lake, Syracuse, New York."

If there are any questions regarding the submittal, please call Mr. John Wright at (412) 472-1514.

Sincerely,



Gregory Shamitko, Manager
Environmental Programs

GS/erh
Enclosure

cc: Mr. Herbert H. King, USEPA (with enclosure)
TAMS Consultants, Inc. (with enclosure)
George A. Shanahan, Esq., USEPA
William G. Little, Esq., NYSDEC
Monica Roye, Esq., USAir (with enclosure)
C&S Engineers, Inc. (with enclosure)

USAir Group, Inc.
EPA ID #NYD 00824581

RESPONSES TO
JOINT REQUEST FOR INFORMATION
CONCERNING DISPOSAL OF HAZARDOUS SUBSTANCES
AT ONONDAGA LAKE, NEW YORK

USAir Group, Inc.
Hancock International Airport
North Syracuse, New York 13212

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Figure 1 Onondaga Lake Drainage Basin

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Attachment A Correspondence from NYSDEC

Attachment B SPCC Plan . . .

Attachment C Invoices
Hazardous Waste Manifests

Attachment D Hazardous Waste Manifests - Oneida County Airport

Attachment E SPDES Permit

Attachment F Oil/Water Separator Effluent Analytical Results

Attachment G Major Petroleum Facility License

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATIONState of Pennsylvania:County of Allegheny:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA/DEC Joint Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's and DEC's Request for Information if any additional information relevant to the matters addressed in EPA's and DEC's Request for Information or the company's response thereto should become known or available to the company.

Gregory Shamitko

NAME (print or type)

Manager, Environmental Programs

TITLE (print or type)


SIGNATURE

Sworn to before me this

5th day of June, 1995.Mary M. O'Leary
Notary Public

Notarial Seal
Mary M. O'Leary, Notary Public
Findlay Twp., Allegheny County
My Commission Expires June 25, 1998
Member, Pennsylvania Association of Notaries

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of _____:

County of _____:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA/DEC Joint Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's and DEC's Request for Information if any additional information relevant to the matters addressed in EPA's and DEC's Request for Information or the company's response thereto should become known or available to the company.

Gregory Shamitko

NAME (print or type)

Manager, Environmental Programs

TITLE (print or type)

SIGNATURE

Sworn to before me this

day of _____, 1995.

Notary Public

RESPONSE TO REQUEST FOR INFORMATION**USAir Activities at Hancock International Airport
EPA ID#NYD000824581****Introduction**

In response to the United States Environmental Protection Agency (USEPA) and New York State Department of Environmental Conservation (NYSDEC) Joint Request for Information concerning disposal of hazardous substances at Onondaga Lake, Syracuse, New York, USAir has developed this response. The responses in this submittal are based on information available at the time of preparation. Should additional information become available regarding the disposal of hazardous waste, hazardous substances, and industrial waste generated by USAir, the information will be submitted to USEPA.

USAir has operated at the City of Syracuse Hancock International Airport since 1989. Prior to that time, USAir and its predecessors operated under the names of Mohawk, Allegheny, and Piedmont. These predecessors may have performed maintenance activities at the airport since the late 1950s. It should be noted that USAir and its predecessors are only one of many private airlines or government defense related forces operating at the Hancock International Airport.

The information contained in this submittal is primarily based on activities since 1989, when USAir started operating at Hancock International Airport. Therefore, the information on activities is based on available records retained by USAir.

1a. Legal Name and Address of Company

The correct legal name and address of the company:

USAir Group, Inc.
2345 Crystal Drive
Crystal Park Four
Arlington, Virginia 22227

1b. Agent for Service of Process in State of Incorporation and New York

The state of incorporation for USAir Group, Inc. is Delaware.

The company's agent for service of process in Delaware is C.T. Corporation.

The company's agent for service of process in New York is C.T. Corporation.

The information for the response for Item 1 was provided by John Wright (USAir) and Monica Roye (USAir).

2. Name and Address of Officers of Company

Mr. Frank L. Salizzoni is the President and Chief Operating Officer of USAir Group, Inc.
Mr. Seth E. Schofield is the Chairman of the Board and Chief Executive Officer of USAir Group, Inc.

The mailing address for Frank L. Salizzoni and Seth E. Schofield is listed below:

USAir Group, Inc.
2345 Crystal Drive
Crystal Park Four
Arlington, Virginia 22227

The information for the response for Item 2 was provided by John Wright (USAir) and Monica Roye (USAir).

3. List of Subsidiaries

USAir Group, Inc. is a wholly owned corporation.

Subsidiaries of USAir Group, Inc. include the following:

Allegheny Airlines, Inc.
Jetstream International Airlines
Material Services Corp.
Pacific Southwest Airmotive
Piedmont Airlines (formerly Henson Aviation)
USAir Fuel Corp.
USAir Leasing and Services, Inc.
USAM Corp.

The following is a listing of the officers of these subsidiaries:

Allegheny Airlines, Inc.	Seth E. Schofield	Sole Director
Jetstream International Airlines	Richard Pfennig	Chairman of the Board
	Richard Pfennig	President
Material Services Corp.	Ronald Armini	Chief Executive Officer
	Ronald Armini	President
Pacific Southwest Airmotive	Seth E. Schofield	Chairman of the Board
Piedmont Airlines	John R. Leonard	Chief Executive Officer
	John R. Leonard	President
	Richard Henson	Chairman of the Board
USAir Fuel Corp.	Jerry E. Smith	President
USAir Leasing and Services, Inc.	Seth E. Schofield	Sole Director
USAM Corp.	Alan P. Abner	President

The information for the response for Item 3 was provided by John Wright (USAir) and Sal Pusateri (USAir), and Monica Roye (USAir).

4. Facilities which Managed Hazardous Substances, Hazardous Wastes, or Industrial Wastes within a 50 Miles of Onondaga Lake.

USAir has operated at three airports within a fifty mile radius of any point along the shoreline of Onondaga Lake. These airport facilities include:

Hancock International Airport, Syracuse, New York
Tompkins County Airport, Ithaca, New York
Oneida County Airport, Oriskany, New York

- At Hancock International Airport, the address is the following:

USAir, Inc.
Hancock International Airport
North Syracuse, New York 13212

USAir has operated at the airport since 1989. Prior to that time, USAir and its predecessors operated under the names of Mohawk, Allegheny, and Piedmont. It should be noted that USAir and its predecessors are only one of many private airlines or government air defense related forces operating at Hancock International Airport.

- At Tompkins County Airport, the address is the following:

Tompkins County Airport
CFR Building
Brown Road
Ithaca, New York 14850

No records of waste shipments were located during this investigation. Tompkins County Airport is located outside the Onondaga Lake drainage area. A map of the

drainage area is shown in Figure 1. As indicated in the New York State Department of Environmental Conservation (NYSDEC) correspondence dated April 7, 1995, responses are not required to be completed for the Oneida County airport provided that USAir facilities did not transport any hazardous or other waste substances for disposal within the Onondaga Lake drainage basin. A copy of the NYSDEC correspondence is presented in Attachment A.

- At Oneida County Airport, the address is the following:

Oneida County Airport
RD#2, Box 141
Oriskany, New York 13424-0400

USAir no longer operates at the Oneida County Airport. USAir operations were discontinued at the airport in June, 1991. As shown in Figure 1, Oneida County Airport is not located in the Onondaga Lake Drainage Basin. In addition, as indicated in the NYSDEC's correspondence dated April 7, 1995 (see Attachment A), USAir needs to inform the NYSDEC and USEPA only of waste shipments transported to disposal facilities located within the drainage basin. Manifests have been located documenting hazardous waste shipments to Solvents & Petroleum Service, Inc. located at 1405 Brewerton Road, which is in the Onondaga Lake drainage area. The waste materials shipped to Solvents & Petroleum Service are identified in Table 5, presented in Item 8. Copies of the manifests are included in Attachment D.

The information for the response for Item 4 was provided by John Wright (USAir), James O'Hara (USAir) and Sal Pusateri (USAir).

5. Nature of Operation at Facility

The USAir facility at the Syracuse Hancock International Airport includes the following operations.

- a. Operation and maintenance of a fuel farm.
 - b. Aircraft line maintenance activities.
 - c. Maintenance of ground service equipment.
- 5a. The work involved in the operation and maintenance of the fuel farm is contracted to SAIR Aviation. SAIR provides the personnel and materials to operate the fuel farm in accordance with applicable New York State and USEPA petroleum bulk storage and handling regulations. Also, the facility has on hand a Spill Prevention Control and Countermeasure (SPCC) Plan dated June 1994. A copy of the SPCC Plan is presented in Attachment B. The fuel farm consists of the storage tanks listed in Table 1.

Table 1
Fuel Farm Storage Tanks

Tank No.	Product	Design Capacity (Gal.)	Working Capacity (Gal.)	Flow Rate (GPM)	Type
1	Diesel	1,000	890	100	Horizontal
2	Unleaded Gas	20,000	18,097	200	Horizontal
3	Glycol Fluid	20,000	18,097	200	Horizontal
4	Glycol Fluid	20,000	18,097	200	Horizontal
5	Jet-A	210,000	186,113	400	Vertical
6	Jet-A	210,000	188,863	400	Vertical
7	Waste Jet-A and Water Mixture	500	500	N/A	Vertical
8	Anti-icing Fluid (Type II)	6,000			Horizontal

Please refer to the attached Spill Prevention Control and Countermeasure (SPCC) Plan for details of the operation of the fuel farm. It should be noted that the existing fuel farm has been in operation since 1989. Prior to the installation of the fuel farm, USAir jointly operated a fuel farm with American Airlines. This fuel farm was closed in accordance with New York State requirements on August 5, 1993. In addition, USAir converted to using propylene glycol de-icing fluid instead of ethylene glycol in the Fall of 1994.

5b. Aircraft Line Maintenance

Normal aircraft line maintenance activities include fueling, engine servicing, inspections, deicing aircraft, and other maintenance items. The services can vary depending on weather conditions, pilot requests, and type of aircraft. No heavy maintenance or overhaul type repairs are conducted on aircraft at the Syracuse Hancock International Airport.

5c. Maintenance of Ground Service Equipment (GSE)

USAir maintains its GSE in order to provide quality service to passengers as well as the aircraft. The maintenance activities for the ground service equipment include, but are not limited to, the following:

- Oil changes for GSE
- Roller/brush painting activities for GSE
- Vehicle wash for GSE

Utilities such as sewer, water, heat, and electricity are supplied to the USAir facility by the City of Syracuse. Therefore, the facility does not operate boilers or other combustion sources, water treatment equipment, or other facility related services.

The information for the response for Item 5 was provided by John Wright (USAir), James O'Hara (USAir), Sal Pusateri (USAir), and John Messenger (SAIR Aviation).

6. Process/Mechanical Description of Operations

As described in Item 5, USAir conducts three types of operations at the Hancock International Airport, including:

- a. Operation and maintenance of a fuel farm.
 - b. Aircraft line maintenance activities.
 - c. Maintenance of ground service equipment.
- 6a. Operation and maintenance of the fuel farm includes loading and unloading of tank trucks and refuelers, inspection of the secondary containment, valves and piping, and maintenance of the effluent oil/water separator. A detailed description of operations for the fuel farm is included in the SPCC Plan, presented in Attachment B.

The wastes generated from fuel farm activities and the approximate volume of the wastes are listed below.

Table 2
Fuel Farm Waste Materials

Type of Waste	Approximate Quantity
Reclaimable in-line fuel filters	24 filters per year
Absorbent material	1 drum per year (average)
Waste oil from oil/water separator	As needed
Spillage - (See Table 6 for documentation of spills)	Not applicable

6b. Aircraft Line Maintenance

Aircraft line maintenance activities include fueling, engine servicing, inspections and deicing aircraft, and other miscellaneous maintenance as requested. In addition, disposal of general (non-hazardous) refuse from the terminal area would be included in aircraft line maintenance. Wastes and approximate quantities generated from line maintenance activities would include the following.

General (Non-Hazardous) Refuse	14,250 pounds/2 week period
Unused or Out-of-Date Products	Varies (See Item 8)

Changes in the volume of non-hazardous waste material generated include the addition of a self contained trash compactor in July 1994.

- 6c.** USAir maintains its GSE in order to provide quality service to passengers as well as the aircraft. USAir conducts general maintenance and repairs. Activities include, but are not limited to, oil changes for GSE, roller/brush painting for GSE, and GSE vehicle washing. Wastes and approximate quantities from GSE maintenance activities include the following:

Waste Oil (Non-Hazardous)	650 gallons/year
---------------------------	------------------

Based on information derived from individuals contacted during our investigation, USAir operations at Syracuse Hancock International Airport have always been associated with line maintenance. The operations currently conducted should be similar to activities conducted in the past.

The information for the response for Item 6 was provided by John Wright (USAir), James O'Hara (USAir), Sal Pusateri (USAir) and John Messenger (SAIR).

7. Manner of Transportation or Disposal of the Hazardous Substances, Hazardous Wastes, or Industrial Wastes Managed at the Facility

For each type of waste that USAir generates at the Hancock International Airport facility, USAir disposes of the material in accordance with Federal, State and local regulations. The manner of transportation or disposal of hazardous wastes, hazardous substances, and industrial wastes which are or have been generated, handled, treated, or stored at this facility since 1990 is listed in Table 3.

It should be noted that a large number of the materials identified in Table 3 and 4 were the result of a one time airport clean-up completed by USAir. The clean-up consisted of monitoring and disposal of a number of drums of unknown material. The unknown materials were not generated by USAir but were discovered near the USAir terminal area. USAir disposed of the materials in accordance with Federal, State and local regulations.

Table 4, presented in Item 8, provides a detailed list of the wastes generated, name and address of the waste hauler, dates shipped, and quantity hauled for each type of waste. Bills of Lading and Hazardous Waste Manifests are included in Attachment C.

Table 3
Transport and Disposal Methods

Waste Generated (Currently & Previously)	Transportation/Disposal Method(s)
Reclaimable In-Line Fuel Filters	The 24 in-line fuel filters are changed on an annual basis. The filters are transported back to the manufacturer for reclamation of the metal while the combustible portion of the filter is used as an energy supplement.
Waste oil (Non-hazardous)	Non-hazardous waste oil from GSE is collected in a waste oil holding tank. The oil is pumped from the waste oil holding tank to a transporter's truck. Waste oil is transported to an off-site facility for recycling.
General Refuse	General non-hazardous refuse is compacted and removed every two weeks. In the past, general refuse was stored in a 8 cubic yard container in the main terminal which is removed six times per week and a 6 cubic yard container in the freight terminal, which is removed once per week. The waste is transported to Onondaga County's solid waste transfer station prior to disposal.
Unused Products	At various times, unused or out of date materials are collected and disposed of through a permitted environmental service/disposal company. The materials may include paints and cleaning compounds.
Absorbent Pads (Non-hazardous)	Waste absorbent pads are used to absorb petroleum products.
Kerosene & Motor Oil (D001)	Waste containing mineral spirits taken from oil/water separator at USAir Ground Equipment Repair Facility. Waste was transported to off-site facility for liquid incineration.

Table 3
Transport and Disposal Methods

Waste Generated (Currently & Previously)	Transportation/Disposal Method(s)
Debris with Gasoline (Benzene) (D018)	Waste was generated as part of one-time airport cleanup activity - disposed of 5 drums of solid hazardous waste of unknown origin and unknown responsibility. Waste was transported off-site for sludge incineration.
Kerosene & Motor Oil (D001)	Waste fuel was collected at Syracuse Fuel Farm, normally used for Aircraft Fuel Servicing. Waste was transported off-site for liquid incineration.
Kerosene Trichloroethylene (D001, D040)	Waste was generated as part of airport cleanup - disposed of 3 drums of flammable liquid hazardous waste of unknown origin and unknown responsibility. Waste was transported off-site for liquid incineration.
Hazardous Waste Liquid, Contained Chromium (D007)	Waste was generated as part of one-time airport cleanup activity - disposed of 1 drum of liquid hazardous waste bathroom deodorizer. Waste was shipped off-site for liquid incineration.
Waste Petroleum Oil (Non-hazardous)	Waste was generated as part of one-time airport cleanup activity - disposed of 3 drums of flammable liquid hazardous waste of unknown origin and unknown responsibility. Waste was transported off-site for liquid incineration.
Cleaning Compound (Non-Hazardous)	Waste cleaning compound was generated as part of one-time airport cleanup activity. Waste was shipped off-site for liquid incineration.
Waste Androx 423Y, contains formaldehyde (Non-Hazardous)	Waste was disposed of as part of one-time airport cleanup activity. Waste was shipped off-site for liquid incineration.
Floor Cleaner (Non-Hazardous)	Waste (1 drum) was disposed of as part of one-time airport cleanup activity. Waste is of unknown origin and unknown responsibility. Waste was shipped off-site for liquid incineration.
Empty Drums (Non-hazardous)	Waste (14 empty - 55 gallon drums) was disposed of as part of one-time airport cleanup activity and are of unknown origin and unknown responsibility.

Table 3
Transport and Disposal Methods

Waste Generated (Currently & Previously)	Transportation/Disposal Method(s)
Waste Paint Related Material (D001, F005)	Waste normally used for priming aluminum products. Waste was removed from spill in aircraft bag compartment. Waste was transported off-site for solids incineration.
Fuel for Aviation Engine (D001)	Waste fuel was contaminated with water particulates when delivered to fuel farm by vendor. Waste was transported off-site for liquid incineration.
Speedy Dry and Kerosene (D001)	Waste was absorbent material from clean-up of aircraft fuel spill. Waste was transported off-site for sludge incineration.
Waste Gasoline (D001, D018)	Waste was generated from a fuel spill on ramp. Waste was shipped off-site for liquid incineration.
Hydraulic Oil (Non-Hazardous)	Waste was drained from aircraft as normal servicing requirement - accumulated for a period of time. Waste was shipped off-site for liquid incineration.

The information for the response for Item 7 was provided by Jim O'Hara (USAir) and USAir annual generator reports.

8. Name and Addresses of Transporters and Disposal Facilities Used for Each Hazardous Substance, Hazardous Waste, or Industrial Waste.

For each waste type generated for which records were provided, the names and addresses of the transporters and disposal facilities used are listed below. It should be noted that manifest records which are on file date back only to calendar year 1990. USAir expects that waste materials were disposed of in a similar manner prior to 1990. Copies of invoices and manifests are enclosed in Attachment C.

Table 4
Transporters and Disposal Facilities

Waste Generated (Currently & Previously)	Name & Address of Waste Hauler & Disposal Facility	Date(s) Waste Was Hauled	Quantity Hauled (Weight/Volume)
Reclaimable In-Line Fuel Filters	Velcon Filters, Inc. 4525 Centennial Boulevard Colorado Springs, CO 80919	Annually	24 filters
Waste Oil (Non-hazardous)	Bison Waste Oil Company, Inc. P.O. Box 147 240 Main Street Cowlesville, New York 14037	1994	650 gallons
Hydraulic Oil (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston, Inc.	06/25/90	110 Gallons
Waste Oil (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston, Inc.	06/25/90	770 Gallons
Jet Fuel/ Engine Oil (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston, Inc.	01/03/91	440 Gallons
Jet Fuel/ Engine Oil (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston - Price Trucking Corp.	12/20/91	550 Gallons
General Refuse	<i>Disposal:</i> Ace Sanitary Haulers, Inc. P.O. Box 303 Syracuse, New York 13201 <i>Hauler:</i> Ace Sanitary Haulers, Inc.	Daily	14,250 pounds per 2 week period (average)
Unused Cleaner (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston, Inc.	06/25/90	340 Gallons

Table 4
Transporters and Disposal Facilities

Waste Generated (Currently & Previously)	Name & Address of Waste Hauler & Disposal Facility	Date(s) Waste Was Hauled	Quantity Hauled (Weight/Volume)
Unused Product (D002)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston, Inc.	05/11/92	2200 Pounds
Absorbent Pads (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors of Kingston, Inc.	06/25/90	495 Gallons
Kerosene & Motor Oil (D001)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	09/01/93	400 Gallons
Debris with Gasoline (Benzene) (D018)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	2250 Pounds
Kerosene & Motor Oil (D001)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	385 Gallons
Kerosene, Trichloro- ethylene (D001, D040)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	165 Gallons
Hazardous Waste Liquid Contains Chromium (D007)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	55 Gallons

Table 4
Transporters and Disposal Facilities

Waste Generated (Currently & Previously)	Name & Address of Waste Hauler & Disposal Facility	Date(s) Waste Was Hauled	Quantity Hauled (Weight/Volume)
Waste Petroleum Oil (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	165 Gallons
Cleaning Compound (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	220 Gallons
Waste Androx contains formaldehyde (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	275 Gallons
Floor Cleaner (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	55 Gallons
Empty Drums (Non-hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	05/19/94	700 Pounds
Waste Paint Related Material (D001, F005)	<i>Disposal:</i> Clean Harbors of Natick, Inc. 10 Mercer Road Natick, Massachusetts 01760 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	06/17/94	20 Pounds
Fuel for Aviation Engine (D001)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	07/08/94	165 Gallons
Speedy Dry and Kerosene (D001)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	10/13/94	300 Pounds

Table 4
Transporters and Disposal Facilities

Waste Generated (Currently & Previously)	Name & Address of Waste Hauler & Disposal Facility	Date(s) Waste Was Hauled	Quantity Hauled (Weight/Volume)
Waste Gasoline* (D001, D018)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	03/11/94	1,750 Pounds
Hydraulic Oil* (Non-Hazardous)	<i>Disposal:</i> Clean Harbors of Braintree, Inc. 385 Quincy Avenue Braintree, Massachusetts 02184 <i>Hauler:</i> Clean Harbors Env. Services, Inc.	03/11/94	605 Gallons

* These wastes were disposed of by USAir operations located at Hancock International Airport under EPA ID#NYD986893303.

Records obtained during the investigation identified waste materials generated by the USAir operations at the Oneida County Airport and transported to a Treatment, Storage and Disposal Facility (TSDF) in the Onondaga Lake drainage area. The following is a listing of the materials which were transported to Solvents & Petroleum, Inc. Copies of the manifests are presented in Attachment D.

Table 5
Transporters and Disposal Facilities
Wastes Generated by USAir Operations at Oneida County Airport

Waste Generated (Currently & Previously)	Name & Address of Waste Hauler & Disposal Facility	Date(s) Waste Was Hauled	Quantity Hauled (Weight/Volume)
Waste Flammable Liquid Contains Toluene (D001)	Disposal: Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, New York 13203 Hauler: Solvents & Petroleum Service, Inc.	05/01/92 12/19/89 08/04/89 04/03/89 11/30/88 07/15/88 06/15/88 03/31/88 12/01/87 07/28/87 05/12/87 12/29/86 08/28/86	55 Gallons
Waste Oil (D001)	Disposal: Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, New York 13203 Hauler: Solvents & Petroleum Service, Inc.	05/01/92	110 Gallons
Hazardous Waste Liquid (F001)	Disposal: Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, New York 13203 Hauler: Solvents & Petroleum Service, Inc.	05/02/87	55 gallons
Waste 1,1,3 Trichlorofluoroethane (F001)	Disposal: Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, New York 13203 Hauler: Solvents & Petroleum Service, Inc.	12/29/86	55 gallons
Waste Petroleum Naphtha (D001)	Disposal: Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, New York 13203 Hauler: Solvents & Petroleum Service, Inc.	12/29/86	55 gallons
Waste 1,1,1, Trichloroethane	Disposal: Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, New York 13203 Hauler: Solvents & Petroleum Service, Inc.	8/28/86	55 gallons

The information for Item 8 came from invoices and hazardous waste manifests which are enclosed in Attachments C and D.

9. Releases or Discharges of Hazardous Substances, Hazardous Wastes, or Industrial Wastes into the Environment.

- 9a. The only known releases of hazardous substances to the environment consist of petroleum related materials generated as result of accidental spills or releases, deicing fluid used to deice aircraft, and the wash area for GSE which is discharged to the sanitary sewer system. There have been three known incidents of accidental releases of hazardous materials. These releases are summarized in Table 6.

**Table 6
Summary of Spills**

Date	Spill Location	Spill Summary and Remedial Action	Quantity Disposed off-site
2/26/94	Fuel Spill - Gate 3 NY Spill #93-13963	Departing Crew left wing full boost pumps on and fuel cross feed valve open. All fuel in left wing was pumped into the right wing. When right wing became full, fuel started coming from the vent system leaking from left wing. Fueller noticed leak and notified operations, who called the Fire Department. Fuel leaked for approximately 2 minutes discharging approximately 50 gallons. Most of the fuel fell on ramp. Personnel cleaned ramp of fuel and shovelled fuel soaked snow into 55 gallon drums. Absorbent material was also used to pick up-fuel on the ramp. The stormwater outlet for this area contains a floating boom type dam that will contain a jet fuel spill. Clean Harbors removed and disposed of fuel trapped by the boom at storm drain outlet.	2 drums
7/21/94	Fuel Spill - Single Point Fueling Receptacle NY Spill #9405471	When fueller removed fuel hose from single point fueling receptacle, check valve hung open and spilled approximately 10 - 15 gallons of fuel. Fueller contacted Syracuse Airport Fire Department. Clean Harbors was called to spill site and placed a floating absorbent boom on storm drain and diked the area that enters into Ley Creek. Clean Harbors removed fuel from storm drain system and placed a floating absorbent boom inside the floating containment boom at the storm drain outlet. Clean Harbors removed and disposed of the absorbent material.	2 Drums
7/28/94	Fuel Spill - Left Wing Vent	During wing fueling of an aircraft, spill occurred from left wing vent area when auto fuel system did not close off in time. Fueller and SAIR Aviation cleaned-up small spill. SAIR used own materials except for some absorbent materials provided by USAIR. No fuel reportedly entered storm drains or the environment and all fuel and clean-up materials were removed to the SAIR Aviation Area for proper disposal.	1 Drum

Stormwater runoff from the area surrounding the fuel farm is collected within a diked area. The stormwater runoff from the fuel farm flows into an oil/water separator and then into Bear Trap Creek. The discharge is covered under a New York State SPDES permit. A copy of the permit is present in Attachment E.

The second potential release of material to the environment by USAir involves deicing fluid. The Federal Aviation Agency requires deicing of aircraft during certain conditions to ensure passenger safety. Deicing of aircraft normally occurs when the ambient air temperature is below 40 degrees Fahrenheit and some form of precipitation is present. Therefore, the discharge has traditionally been intermittent when conditions warrant the aircraft to be deiced prior to departure. By its nature, deicing occurs in the winter months between November and April in the Syracuse, New York area. The deicing fluid contains a mixture of either ethylene or propylene glycol and water. USAir currently uses propylene glycol at the facility.

The quantity and type of deicing fluid used by USAir during the past three winter seasons is illustrated below. Previous usage of deicing fluid was not recorded but is believed to be of similar proportions.

1994/1995 Season	28,428 gallons of propylene glycol.
1993/1994 Season	43,266 gallons of propylene glycol. 18,712 gallons of ethylene glycol.
1992/1993 Season	40,667 gallons of ethylene glycol.
Calendar Year 1991	30,000 (estimate) gallons of ethylene glycol.

Allegheny Airlines, a subsidiary of USAir Group, Inc., also operates at Syracuse Hancock International Airport. SAIR Aviation performs all the necessary services for Allegheny aircraft. According to SAIR Aviation, 5,044 gallons of glycol have been used to date on Allegheny aircraft.

USAir is only one of a number of airlines and delivery service companies which utilize the Syracuse Hancock International Airport and conduct deicing operations. USAir only utilizes between 25 and 30 percent of the deicing fluid used at the airport. The runoff from the airport deicing activities flows into the City of Syracuse Hancock International Airport storm water sewer system. A portion of the deicing fluid will be transported off-site with the aircraft while some will be collected as part of snow removal activities. The storm water drainage system for the terminal area of the airport flows into Ley Creek, which is tributary to Onondaga Lake. Figure 2 illustrates the outlet to Ley Creek and the terminal area where USAir deicing activities occur at the airport.

No analytical data for USAir discharge during deicing activities exists. The City of Syracuse has monitored the seven storm water outfalls of Hancock International Airport. The monitoring conducted by the City of Syracuse will include contributions of other aviation users at the airport and would not be indicative of the actual discharges related to USAir. Analytical data from the airport monitoring can be obtained through the City of Syracuse.

USAir also discharges wastewater from a wash area located in the USAir GSE maintenance area. The discharge flows through an oil/water separator to the sanitary sewer system and to the Publicly Owned Treatment Works (POTW). The wash area is used to clean ground service equipment. The flow through the oil/water separator is intermittent. The wash area utilizes Androx 6086 (formerly Aviawash 5000), which contains sodium metasilicate (CAS # 6834-92-0).

The information for the response for Item 9 was provided by John Wright (USAir), James O'Hara (USAir), and John Messenger (SAIR).

10. Treatment and Pretreatment of Materials Prior To Discharge

The responses to Question 10 are segregated into the two potential discharges from the USAir facility located at the Syracuse International Airport which flow into pretreatment equipment prior to discharge.

Storm Water Runoff from the Fuel Farm

- 10a. The aboveground bulk storage tanks are located inside an earth dike containment area constructed in accordance with New York State and NFPA 30 requirements. The total capacity of the dike is approximately 427,000 gallons, which is double the design capacity of the largest tank. The SPCC plan, presented in Attachment B, shows the tank layout at the USAir Fuel Farm. All tanks, including the spill tank and oil/water separator, are connected to the central level alarm control panel.

Delivery and loading occurs within reinforced concrete pads with roll type curbs providing containment for potential product spills. The pads are gradually sloped to drop inlets that are connected to a common sand trap and an 8,000 gallon underground spill tank. A submersible pump rated at a maximum of 50 gpm discharges into an oil/water separator, which receives the stormwater runoff from the fuel transfer areas, pump pads and the tank dike area. Effluent from the oil/water separator flows by gravity into the airport storm sewer system and eventually into Bear Trap Creek. Since the pretreatment system for the fuel farm only handles storm water runoff, the discharge from the oil/water separator occurs on an intermittent basis.

- 10b. The existing fuel farm was placed in service in 1989. Therefore, the existing oil/water separator has been in use since that time.
- 10c. The oil/water separator has a design flow rate of 100 gallons per minute and was designed in accordance with API Chapters 3 and 5 of the Manual on Disposal of Refinery Wastes, API-1630, and UL-58. The submersible pump within the spill tank discharging to the oil/water separator is rated at a maximum of 50 gpm.
- 10d. Chemical analysis of the oil/water separator effluent is presented in Table 7. Copies of the analytical results are included in Attachment F.

Table 7
Effluent Data From Oil/Water Separator

Sample	Date	Flow	Oil & Grease	pH	Benzene	Toluene	Xylene	Ethylbenzene
Permit Limits			15 mg/l	6.5-8.5	* (µg/l)	* (µg/l)	(µg/l)	(µg/l)
Effluent	09/91				0.82	1.9	1.5	LT 0.5
Effluent	09/91				1.6	28	190	11
Effluent	09/18/91		1.2	6.94	LT 5.0	LT 5.0	34	LT 5.0
Effluent	10/21/91		3.7	6.69	LT 2.5	LT 2.5	16	3.7
Effluent	11/22/91		LT 1.0	6.24	LT 5.0	LT 5.0	47	LT 5.0
Effluent	01/06/92		5.5	6.10	9.7	34	95	8.4
Effluent	01/23/92		3.4		4.5	13	62	4
Effluent	02/24/92		3.0		LT 0.5	LT 0.5	LT 1.0	LT 0.5
Effluent	03/23/92		2.8		LT 0.5	LT 0.5	LT 1.0	LT 0.5
Effluent	09/18/92		4.6	9.10 (field)	LT 1.0	LT 1.0	LT 1.0	LT 1.0
Effluent	04/16/93		16	7.69	16	31	140	LT 0.50
Effluent	05/05/93		9.9	6.25	20	130	610	17
Effluent	05/06/93		37	6.39				
Effluent	07/19/93		3.7	6.83				
Effluent	09/02/93			7.14	LT 5.0	LT 5.0	66	LT 5.0
Effluent	09/29/93		11	6.3	13	48	123	13
Effluent	10/20/93			7.11	0.75	16	98	3.1
Effluent	11/19/93		5.2	5.57	1.3	10.4	96	6.8
Effluent	12/17/93		2.3	7.51	LT 0.5	LT 0.5	LT 1.0	LT 0.5
Effluent	04/28/94		5.6	6.67	LT 0.5	LT 0.5	LT 1.0	LT 0.5
Effluent	05/24/94		3.1	7.38	LT 0.5	LT 0.5	LT 1.0	LT 0.5
Effluent	07/06/94		2.1	7.65	LT 0.5	LT 0.5	LT 1.0	LT 0.5

* Action Level - Total of three parameters shall not exceed 0.1 mg/l
LT - Less Than

- 10e. Effluent from the oil/water separator flows by gravity into the airport storm sewer system and eventually into Bear Trap Creek. The discharge is regulated by an existing SPDES permit. Bear Trap Creek is a tributary of Onondaga Lake.
- 10f. The floatable skimmings and sludge bottoms from the oil/water separator are collected and hauled off-site for disposal in accordance with applicable regulations.

Wastewater Discharges from the Wash Area

- 10a. USAir utilizes an oil/water separator as a pretreatment process prior to discharge of wash area effluent to Onondaga County's sanitary sewer system. A design drawing of the separator could not be located during the investigation. The dimensions of the separator are 6 ft. x 3 ft. x 3 ft. for a total volume of approximately 400 gallons.
- 10b. The oil/water separator is believed to have been installed eight to nine years ago.
- 10c. The influent flow to the oil/water separator varies depending on the amount of washing being conducted.
- 10d. There has been no known analysis of the effluent from the oil/water separator.
- 10e. The treated wash water flows into the Onondaga County Sewer System, which flows to the Syracuse Metropolitan treatment plant for further treatment, prior to discharge into Onondaga Lake.
- 10f. The floatable skimmings and sludge bottoms from the oil/water separator are collected and hauled off-site for disposal in accordance with applicable regulations.

The information for the responses for Item 10 was provided by Jim O'Hara (USAir), John Messenger (SAIR), Empire Soils Investigations, Inc. and Jim Aslop (S&S Mechanical).

11. Persons and Entities Who Determine How To Treat, Store and/or Dispose Of Hazardous Substances, Hazardous Wastes, or Industrial Wastes

The following is a listing of personnel and entities who determined how to treat, store, and/or dispose of waste materials generated at the USAir line maintenance facility located at Syracuse Hancock International Airport:

Mr. Donald Gilfus (USAir) - Deceased August, 1993

Mr. James O'Hara - USAir, Inc.
USAir Group, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

USAir Group, Inc. - Environmental Programs Department
Pittsburgh International Airport
P.O. Box 12346
Pittsburgh, Pennsylvania 15231-0346

SAIR Aviation, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

Clean Harbors Environmental Services, Inc.
Syracuse Service Center
P.O. Box 6789
Syracuse, New York 13217

12. Sources of Information for Responses to Questions 6-10.

The sources of information for the responses in Questions 6-10 include the following individuals:

Mr. James O'Hara, Line Maintenance Foreman
USAir, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

Mr. Sal J. Pusateri, Customer Service Manager
USAir, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

Monica Roye, Esquire
Assistant General Counsel
USAir, Inc.
Crystal Park # 4
2345 Crystal Drive,
Eighth Floor
Arlington, Virginia 22227

John Wright, Environmental Engineer
USAir, Inc.
Pittsburgh International Airport
P.O. Box 12346
Pittsburgh, Pennsylvania 15231-0346

John Messenger, Vice President
SAIR Aviation, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

Empire Soils Investigations, Inc.
105 Corona Avenue
Groton, New York 13073

Jim Aslop
S&S Mechanical
8174 Kneeshern Road
Brewerton, New York 13030

Hazardous Waste Manifests (1990 through 1994)
Bison Oil Invoices (1992 through 1994)
Ace Sanitary Haulers, Inc. Invoices
Androx Material Safety Data Sheet
Spill Prevention Control and Countermeasure Plan, June 1994

13. Copies of Applicable Permits

Copies of the following items have been included in the attached documentation.

SPCC Plan	Attachment B
SPDES Permit Application	Attachment E
Major Petroleum Facility License	Attachment G

Based on the information provided during this investigation, no other Federal, State or local environmental permits are known to exist for the facility. In addition, no known Notices of Violation, administrative or judicial complaints, or judicial complaints by public interest groups exist for the facility.

14. List of Insurance Policies Indemnifying USAir from Liability.

USAir is self insured and does not retain an insurance policy that may indemnify the company against any liability that may incur in connection with the release of any hazardous substances and/or hazardous wastes at the Syracuse Hancock International Airport.

15. Additional Information

USAir is just one of many airlines that occupy the City of Syracuse Hancock International Airport. Any potential contamination traced to the Airport may not be the responsibility of USAir or its predecessors.

16. Individuals and Entities Who Assisted in Preparation of Responses

The name, title and address of each individual consulted in the preparation of this response is listed below:

Mr. James O'Hara, Line Maintenance Foreman
USAir, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

Mr. Sal J. Pusateri, Customer Service Manager
USAir, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

Monica Roye, Esquire, Assistant General Counsel
USAir, Inc.
Crystal Park # 4
2345 Crystal Drive,
Eighth Floor
Arlington, Virginia 22227

John Wright, Environmental Engineer
USAir, Inc.
Pittsburgh International Airport
P.O. Box 12346
Pittsburgh, Pennsylvania 15231-0346

John Trendowski, Project Engineer
C&S Engineers, Inc.
1099 Airport Boulevard
North Syracuse, New York 13212

John Messenger, Vice President
SAIR Aviation, Inc.
Syracuse Hancock International Airport
North Syracuse, New York 13212

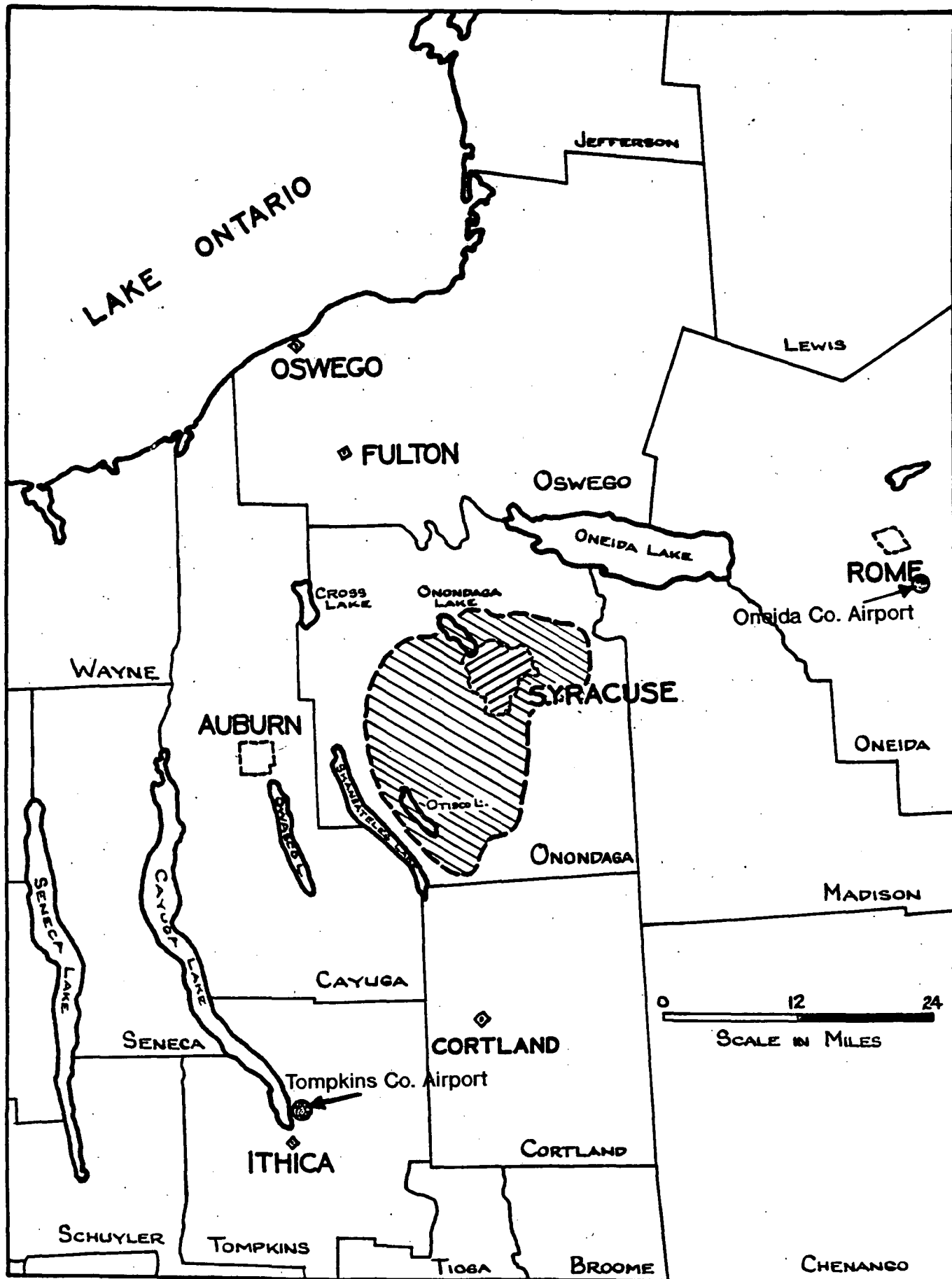
Empire Soils Investigations, Inc.
105 Corona Avenue
Groton, New York 13073

Jim Aslop
S&S Mechanical of CNY, Inc.
8174 Kneeshern Road
Brewerton, New York 13030

The assistance these individuals provided in responding to the various questions has been designated within each item.

FIGURES

FIGURE 1



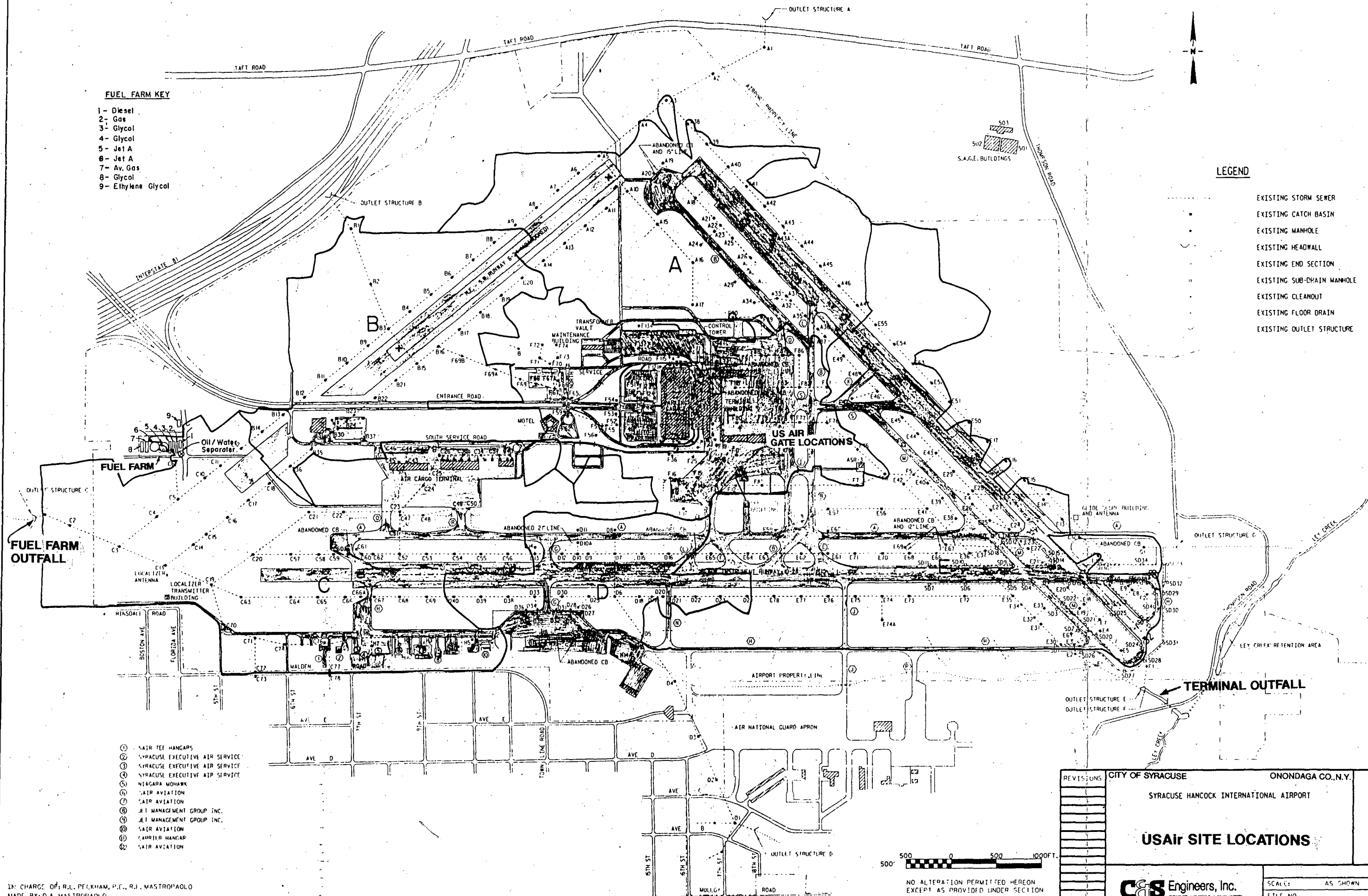
ONONDAGA LAKE DRAINAGE
BASIN

FUEL FARM KEY

- 1- Diesel
- 2- Gas
- 3- Glycol
- 4- Glycol
- 5- Jet A
- 6- Jet A
- 7- Av. Gas
- 8- Glycol
- 9- Ethylene Glycol

LEGEND

- EXISTING STORM SEWER
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING HEADWALL
- EXISTING END SECTION
- EXISTING SUB-DRAIN MANHOLE
- EXISTING CLEANOUT
- EXISTING FLOOR DRAIN
- EXISTING OUTLET STRUCTURE



IN CHARGE OF: R.L. PECKHAM, P.E., R.J. MASTROPAOLO
MADE BY: D.A. MASTROPAOLO
CHECKED BY: J.M. MOCKY, J.D. PAULIN

NO ALTERATION PERMITTED HEREON
EXCEPT AS PROVIDED UNDER SECTION
1209 SUBDIVISION 2 OF THE NEW YORK
STATE EDUCATION LAW

CITY OF SYRACUSE
SYRACUSE HANCOCK INTERNATIONAL AIRPORT

ONONDAGA CO., N.Y.

US Air SITE LOCATIONS

CS Engineers, Inc.
SYRACUSE • BUFFALO • ROCHESTER

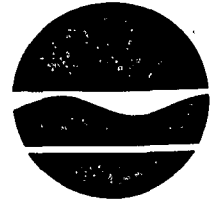
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FIGURE
2

ATTACHMENT A
CORRESPONDENCE FROM NYSDEC

New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
50 Wolf Road
Room 212
Albany, New York 12233-7010

Telephone: (518) 457-5861



APR 7 1995

Mr. John R. Trendowski, P.E.
C & S Engineers
1099 Airport Blvd.
North Syracuse, N.Y. 13212

Re: U.S. Air: CERCLA 104(e) Time Extension

Dear Mr. Trendowski:

June 3, 1995 per Scott Crisafulli

The purpose of this letter is to formally notify you, as consultant to U.S. Air, that, pursuant to your conversation with a member of the Department's legal staff, and your following written request, a sixty (60) day time extension (90 days total) is provided to U.S. Air to respond to the above-referenced "Request for Information." Senator John DeFrancisco and Assemblyman Michael Bragman have expressed their concern to the Department that the request might place undue fiscal and scheduling burdens upon your company. To address this concern, shared by Commissioner Zagata, an extension of the response period is warranted. Accordingly, U.S. Air's response should now be postmarked or received by EPA and the Department by May 5, 1995. The recipients of your response will remain as indicated in the Department's original "Request for Information."

Regarding your desire to answer the information request only for the U.S. Air facility at Syracuse's Hancock International Airport, that is acceptable provided that the facilities in Tompkins and Oneida counties did not transport any hazardous or other waste substances for disposal within the Onondaga Lake drainage Basin. If either of these facilities disposed of any such substances within the drainage basin then EPA and the Department request to be informed about these disposals. In addition, if U.S. Air has any other facilities within the drainage basin information regarding these facilities must be provided. Otherwise, U.S. Air may respond to the request only for the Hancock facility. EPA and the Department reserve the right to request that the information regarding the other two facilities be submitted later.

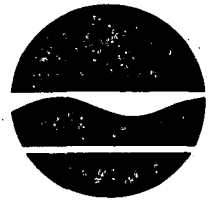
If at the end of the time extension U.S. Air needs more time to properly respond to the information request, or if you have any further questions concerning this "Request for Information," please contact William Daigle at (518) 457-1741, or William Little at (518) 457-7821. Please direct all legal matters to Mr. Little. Communications specifically addressing issues of federal law should be raised with George Shanahan, USEPA, at (212) 637-3171.

Your cooperation is appreciated.

Sincerely,

Michael J. O'Toole, Jr.
Director, Division of
Hazardous Waste Remediation

New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
50 Wolf Road
Room 212
Albany, New York 12233-7010



Telephone: (518) 457-5861

Mr. John R. Trendowski, P.E.
C & S Engineers
1099 Airport Blvd.
North Syracuse, N.Y. 13212

Re: U.S. Air: CERCLA 104(e) Time Extension

Dear Mr. Trendowski:

Pursuant to our phone conversation yesterday, this correspondence corrects the deadline for U.S. Air's response in the above referenced matter. In the April 7, 1995 correspondence from the Department to U.S. Air the deadline for U.S. Air's response was incorrectly listed as May 5, 1995. The actual deadline for U.S. Air's response is June 3, 1995. This date gives U.S. Air 90 days from the date of receipt of the information request to respond.

I apologize for any inconvenience this error may have caused. If you have any further questions do not hesitate to call me. Thank you.

Sincerely Yours,

Scott W. Crisafulli
Onondaga Lake Unit

ATTACHMENT B

SPCC PLAN

***SPILL PREVENTION CONTROL AND
COUNTERMEASURE PLAN***

FOR

USAIR FUEL FACILITY

***SYRACUSE HANCOCK
INTERNATIONAL AIRPORT***

June 1994

Prepared by:

***C&S Engineers, Inc.
1020 Seventh North Street
Liverpool, New York 13088***

LIST OF EMERGENCY TELEPHONE NUMBERS

AGENCY	CONTACT	TELEPHONE
Airport Rescue Fire Fighters	Tim Huppman — Chief	(315) 455-6333
Onondaga County Emergency Services		911
Sair Aviation	Dean Hamm John Messenger	(315) 455-2713 (315) 455-7951
City of Syracuse Department of Aviation	Charles Everett Commissioner	(315) 454-3263
NYSDEC Spill Hotline NYSDEC—Region 7 Syracuse, New York	Richard J. Brezell Regional Spill Engineer	1-800-457-7362 (315) 426-7519
USAir Line Maintenance	James O'Hara	(315) 455-1655
Airport Maintenance Department	Bob Radway	(315) 455-1477
Syracuse Fire Prevention Bureau	Jay Seitz	(315) 473-3296

SPILLS OF PETROLEUM MUST BE REPORTED TO THE NYSDEC WITHIN TWO HOURS.

Commercial Spill Response Contractors (partial list only)

Contracted Waste Hauler

- * • Clean Harbors Environmental Services (315) 463-1349
- Environmental Products and Services (315) 471-0503
(800) THE-TANK
- Op-Tech Environmental Services (315) 463-1643
(800) 225-6750

*Contracted Waste Hauler

GENERAL FACILITY INFORMATION AND CERTIFICATIONS

- A. Facility: USAir Fuel Facility
Syracuse Hancock International Airport
Syracuse, New York 13211
(315) 455-1655
- B. Operator: Sair Aviation
1801 Malden Road
Syracuse, New York 13211
(315) 455-7951
- C. Owner: USAir, Inc.
Crystal Park 4 — 2345 Crystal Drive
Arlington, Virginia 22227
(315) 455-2713
- D. Designated person responsible for oil spill prevention and response:
Dean Hamm — Sair Aviation
- E. Contracted Waste Hauler:
Clean Harbors Environmental Services
6481 Ridings Road
Syracuse, New York 13206
(315) 463-1349

MANAGEMENT APPROVAL

This SPCC Plan will be implemented as herein described.

Signature: _____

Howard H. Haglund, Jr.

Howard H. Haglund, Jr. — USAir

CERTIFICATION

I hereby certify that my staff has examined the facility, and being familiar with the provisions of 40 CFR Part 112, attest that this SPCC Plan has been prepared in accordance with 40 CFR 112 and good engineering practice.

Scot McClintock

Scot McClintock, P.E., CVS
New York State Registration No. 056685

Date: _____

6/30/94

(seal)



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SECTION 1 — INTRODUCTION

1.01 PURPOSE AND SCOPE

- A. Pursuant to the Federal Water Pollution Control Act, as amended (Public Law 92-500), on-shore facilities with an aboveground storage tank capacity in excess of 660 gallons which may reasonably be expected to discharge oil into the navigable waters of the United States (or tributaries thereof) are required to prepare a Spill Prevention Control and Countermeasure Plan (SPCC) in accordance with Federal Regulation 40 CFR 112. This document has been prepared, in accordance with the guidelines established by the American Petroleum Institute (API), to fulfill these requirements.
- B. This Plan is intended to provide basic spill prevention guidance to support a trained, prepared, and equipped staff. Safety and protection from fire and environmental damage is the responsibility of the entire facility staff. This Plan is no substitute for alert and conscientious actions by facility personnel.
- C. SPCC plans must be reviewed/updated every three years and must be amended no later than six months following any significant change in the facility or operation that would affect the potential of a spill, i.e., more tanks, higher through-put, improved dikes, etc. Any amendment requires certification by a Registered Professional Engineer. If the three year review and update of the plan reveals that no amendment is needed, then an engineering certification is not needed. In all cases, a three year review/update or amendments to the plan require current management approval.

1.02 Location

The USAir Fuel Facility is a bulk storage and handling system which was constructed during the summer of 1988 and started operation on December 15, 1988. The facility is located at Syracuse Hancock International Airport on a 1.66 acre parcel of land leased by the City of Syracuse to USAir Airlines. The facility is located remotely from the Airport Terminal Area (refer to Figure No. 1 and No. 2).

1.03 Facility Operation

Sair Aviation operates the USAir Fuel Facility at Syracuse Hancock International Airport. The facility handles jet-A fuel, diesel fuel, unleaded gasoline, and glycol deicing fluid for aircraft and ground support vehicles at the Airport. The average annual through-put totals 227 million gallons of jet-fuel. Operations are year round, seven days a week, whenever the airport is open.

1.04 Spill History

According to the NYSDEC inventory of reported spills dating from May 1993 to May 1994, no spills have been reported at the USAir fuel facility. By way of an amendment to this section of the SPCC Plan, a written description of each and every future spill, the corrective action taken and suggestions for preventing a recurrence will be recorded and maintained on file at the facility. A sample Spill Report Form is included in Appendix B. This form will be used to record appropriate information in the event of a reportable spill.

Certificate of Substantial Harm Determination Form

Facility Name — USAir Fuel Facility

Facility Address — Syracuse Hancock International Airport, Syracuse, New York

1. Does the facility have a maximum storage capacity greater than or equal to 42,000 gallons and do the operations include over water transfers of oil to or from vessels?
Yes ☐ No ☒
2. Does the facility have a maximum storage capacity greater than or equal to one million (1,000,000) gallons and is the facility without secondary containment for each aboveground storage area sufficiently large to contain the capacity of the largest aboveground storage tank within the storage area?
Yes ☐ No ☒
3. Does the facility have a maximum storage capacity greater than or equal to one million (1,000,000) gallons and is the facility located at a distance such that the discharge from the facility could cause injury to an environmentally sensitive area?
Yes ☐ No ☒
4. Does the facility have a maximum storage capacity greater than or equal to one million (1,000,000) gallons and is the facility located at a distance such that a discharge from the facility would shut down a public drinking water intake?
Yes ☐ No ☒
5. Does the facility have a maximum storage capacity greater than or equal to one million (1,000,000) gallons and within the past five years, has the facility experienced a reportable spill in an amount greater than or equal to 10,000 gallons?
Yes ☐ No ☒

Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this form, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature Howard H. Haglund, Jr.
Name — Howard H. Haglund, Jr.
Company — USAir

Date: 6/29/94

SECTION 2 — FACILITY DESCRIPTION

2.01 Spill Potential

- A. The facility has been designed and constructed to meet current Federal, State, and local regulations and codes. Precautions have been taken to prevent both surface and subsurface spills, and to minimize their effect on the environment. The highest probability for a major spill event is recognized to be through human error. Product is delivered to the airport by over-the-road tanker trucks owned by the distributor. Drivers are responsible for handling their own delivery operations. All personnel engaged in the transfer of product have been properly trained and supervised to become familiar with the various systems of the facility. By following proper procedures and being alert, plus having built-in safety controls, substantial spills can be avoided. A spill potential analysis for each tank at the facility is presented in Section 5.05 of this SPCC plan.
- B. The facility includes aboveground storage tanks located within an impervious dike designed to hold over 110% of the volume of the largest tank, plus added volume for incidental precipitation. Prior to filling, storage tanks shall be physically checked to ensure the tank has sufficient storage capacity to receive the volume of product being delivered. Thermal expansion has been considered to determine automatic shut-off levels. Hoses and equipment will be checked for leaks at the start of each transfer operation. Deadman controls are provided to ensure manual operation.

- C. Aircraft refuelers, whether employees of an airline or the fixed base operator, (FBO), are required to follow all the safety procedures set forth by the facility owner and operator. Refueler drivers will also be responsible for their own fueling operations and safety checks.

2.02 Storage Volume

- A. Table No. 1 (below) presents a complete listing of all storage tanks at the facility including layout reference number (See Fig. No. 3), product, capacity, pumping rate, and construction type.

**TABLE NO. 1
STORAGE TANKS**

Tank No.	Product	Design Capacity (Gal.)	Working Capacity (Gal.)	Flow Rate (GPM)	Type
1	Diesel	1,000	890	100	Horizontal
2	Unleaded Gas	20,000	18,097	200	Horizontal
3	Glycol Fluid	20,000	18,097	200	Horizontal
4	Glycol Fluid	20,000	18,097	200	Horizontal
5	Jet-A	210,000	186,113	400	Vertical
6	Jet-A	210,000	188,863	400	Vertical
7	Slop	500	500	NA	Vertical
8	Type 2 Anti-icing Fluid	10,000			Horizontal (vaulted)
9	Future				

- B. Table No. 2 presents all the product piping systems, size and approximate volume.

**TABLE NO. 2
PRODUCT PIPING**

Product	Diameter (inches)	Capacity (Gallons)
Diesel	2	46
Gasoline	4	186
Glycol	4	211
Jet-A	6 & 8	1,247

2.03 Delivery/Loading System

- A. Tank Trucks and Refuelers — tank trucks must be attended by a "qualified" person at all times during product transfer operations. A "qualified" person is one who is aware of the characteristics of the material being handled, has been instructed on the procedures to be followed in an emergency, and is authorized to move the vehicle. Drivers are responsible for loading and unloading their own vehicles.
- B. Vehicle Inspection — Drivers shall be responsible for inspecting all connections and outlets on their vehicle for leakage. If necessary, make required adjustments or repairs immediately to prevent any liquid leakage in transit. Vehicles shall be maintained in good operating condition with all safety equipment functioning properly.
- C. Equipment — Table No. 3 below, outlines the facility product handling systems.

TABLE NO. 3
PUMPING SYSTEMS

Product	Description	Flow Rate (GPM)
Diesel Fuel	Delivery — One station with hose connection, ball, and check valve	100
	Loading — One remote dispenser on island	20
Gasoline	Delivery — One station with hose connection, ball, and check valve	200
Glycol Fluid	Delivery — One Station with hose connection, ball, and check valve	200
	Loading — One top loading station with "future" bottom loading provisions	200
Jet-A	Delivery — Two stations with dry-break coupler, hose and valves	400 each
	Loading — Two bottom loading stations on islands	400 each

- D. Controls — Each pump system is equipped with a positive displacement flow meter, totalizer, ticket printer, and key lock. An electric deadman switch controls the pump circuits on Jet-A delivery, Jet-A loading and gasoline loading. Deadmen must be held closed by the driver to keep pumps running. Delivery pumps are interlocked with the storage tank level alarm system to automatically shut down on "hi-hi" level signal. Preset controls for Jet-A and gasoline loading allow the driver to select the exact amount of product to be received. Flow control valves are set for two-stage reduced-flow start and stop operation. Additional safety and fail-safe engineering features incorporated into the facility are discussed further in this plan.
- E. Spill Containment — Reinforced concrete pads with roll type curbs provide containment for product spills (See Figure No. 4). All pads are gradually sloped to drop inlets that are connected to a common sand trap and 8,000 gallon underground spill tank. All spills shall be cleaned up in accordance with this SPCC Plan and as directed by airport authorities. The concrete pad and roll curbing, combined with the spill tank, are adequate to contain a release from a single tanker or vehicle compartment, approximately 5,000 gallons, and runoff from a 10-year, one-hour storm.

- F. Vehicular Traffic — The facility is laid out so that all traffic movement is in one direction only (See Figure No. 2). Concrete barriers and curbs protect the integrity of aboveground piping and equipment. Traffic and information signs direct vehicles into and out of the facility from the airport entrance road. Pavement surfaces have been upgraded to handle the increased traffic on service roads. The Airport Maintenance Department provides grass cutting and snow removal services at the facility. Access to the facility is restricted to authorized personnel only, as detailed in Section 2.08.

2.04 PUMPS AND PIPING

- A. Equipment Pads — Reinforced concrete spill pads, with approximately 6-inch high curbs, and integrated catch basins within the floor of the concrete pads provide spill containment for all pumps, strainers, and filter vessels located outside the dike area. The catch basins, within the concrete floor of the equipment pads, are connected to the 8,000 gallon spill tank.
- B. Pipe Supports — Pipe supports are designed to minimize abrasion caused by expansion and contraction. Fabricated steel pipe supports are supported by concrete foundations. Pipe and supports have been painted with a chemical and petroleum resistant alkyd enamel coating to resist corrosion. Piping and equipment are color coded and marked for rapid identification.
- C. Underground Piping — All underground piping at the facility is cathodically protected, welded steel pipe. Corrosion protection is provide by either sacrificial anodes or the impressed current rectifier system. The system was designed by

and installed under the direction of Matcor, Inc., Doylestown, Pennsylvania. Monitoring and maintenance of the system is the responsibility of the operator. If, in the future, a section of buried pipe is exposed for any reason, that section of pipe shall be closely examined for any signs of deterioration. If the inspection reveals corrosion damage, the affected section of piping shall be repaired or replaced.

- D. Valve and Pipeline Inspection — During normal operating procedures, FAA Certification Inspections, and monthly operator inspections, all aboveground valves, pumps, meters, and piping shall be visually examined. Pressure testing of piping after initial start-up is not required, however flanged fittings are provided so all underground lines may be isolated if testing is needed in the future. Visual inspection checks shall include examining exterior surfaces of piping, valves, and equipment for leaks and maintenance deficiencies; identifying cracks, wear, corrosion, settlement of structures, malfunctioning equipment; inspecting, and monitoring leak detection systems, cathodic protection, and safety systems.
- E. Leak Detectors — Pump systems for remote glycol and motor fuel dispensing stations are equipped with a line leak sensor to detect pressure loss on the discharge side of the pump. Upon sensing a leak, the valve will automatically shut down the system.

- F. Inactive Piping — Permanently inactive or obsolete piping shall be removed. Pipe connections which are out-of-service for thirty or more days shall be plugged, capped, locked, or blank-flanged to prevent unauthorized use. Facilities to be taken out-of-service permanently shall be closed in accordance with 6 NYCRR Part 613 "Handling and Storage of Petroleum."

2.05 BULK STORAGE TANKS

- A. Horizontal Tanks — Aboveground, horizontal, welded steel tanks are used for storage of diesel fuel, gasoline, glycol, and waste fuel. Tanks were fabricated to Underwriter's Laboratories — Standard 142 for Steel Aboveground Tanks for Flammable and Combustible Liquids and NFPA 30. Tanks are supported by short steel saddles bolted to concrete foundations. Tanks have both exterior and interior lap welded joints to resist corrosion. Diesel and gasoline fuel tanks are epoxy lined. Exterior surfaces have been sandblasted, primed, and given two coats of white alkyd enamel. Ladders and walkways on each tank are provided for manual level measurement and maintenance.
- B. Vertical Tanks — Aboveground, vertical, cone roof, low pressure, welded steel tanks are used for storage of Jet-A fuel. Tanks were fabricated and tested in accordance with API 650 — welded steel tanks for oil storage (with Appendices G and H). The tanks are erected on a reinforced concrete ringwall foundation. A 30 mil thick PVC impervious liner is located 12 inches under the tank bottom and covered with coarse sand. Two 1½ inch slotted PVC drip pipes are laid under the tank and daylight outside the foundation to allow visual

monitoring for the presence of petroleum. Interior of the tank is coated with epoxy and the exterior with two coats of self-priming epoxy and a polyurethane top coat. The tank bottom is protected from corrosion by the impressed current cathodic protection system. A spiral stairway and cross-over walkway allow access to the top of both tanks.

- C. Level Alarm System — All tanks located at the facility, including the spill tank and oil/water separator, are connected to the central level alarm control panel. Bulk storage tanks are equipped with liquid level sensors to detect overfill levels. High level points will sound a warning alarm horn on the exterior of the electrical building, adjacent to the operator's station and activate tank "high level" indicator light. The "hi-hi" level switch of each tank is interlocked with the motor control center and will automatically shut down the respective delivery pump if the tank is at risk of being overfilled. Pumps cannot be restarted until the product level is lowered in the tank and the system "reset" button is activated.
- D. Fail Safe Valves — The suction line for the Jet-A pumps is controlled by a hydraulic actuated, cast steel diaphragm valve. The valve is normally closed and is opened only when the delivery pumps are running. In the event of either a power failure or fire, the valve will automatically close and prevent fuel from draining out of the dike area.

2.06 CONTAINMENT DIKE

- A. Design Criteria — In accordance with State and NFPA 30 requirements, the aboveground bulk storage tanks are located inside an earth diked containment area. Total liquid capacity of the dike is approximately 427,000 gallons. Storage volume is provided for winter time precipitation, when for extended periods the drainage system may be frozen. Total snow and rainfall from mid December to mid March averages around 7.8 inches, which equals 96,957 gallons. The excess storage volume provides a safety allowance for fire fighting flows.
- B. Construction — The dike area is built on the compacted existing soil. A minimum of 6 inches of approved natural clay soil serves as an impervious lining material. The clay has been placed and compacted to 90 percent of maximum density in accordance with ASTM D698. A 3-inch thick crushed stone surface course protects the clay from foot traffic inside the dike and help maintain adequate moisture content.
- C. Drainage — Stormwater in the dike collects in a swale area behind the tanks. A shallow catch basin is connected to the dike pump station to allow controlled removal of precipitation (see Section 2.07).

2.07 DRAINAGE

- A. Transfer and Pump Pads — surface runoff from the concrete pads is collected by a network of cathodically protected underground pipes that discharge into a precast concrete manhole. This structure acts as a sand trap to prevent plugging of the spill tank and oil/water separator. A removable cover allows access for periodic cleaning and inspections.
- B. Spill Tank — An 8,000 gallon underground, steel tank is used to hold stormwater and spilled product. A submersible pump is rated at a maximum of 50 gpm max. and discharges to the oil/water separator. The pump is manually started and has a low level shut-off float. The tank is designed to meet UL-58 "Standard for Steel Underground Tanks for Flammable and Combustible Liquids" and has cathodic protection. Access manways are provided for tank inspection and cleaning. A high level sensor is connected to the Central Alarm Panel. A syphon break check valve prevents gravity flow when the pump is shut off.
- C. Dike Pump Station — Stormwater collecting within the dike is removed by a second sump pump located on a precast manhole built into the dike berm. The pump is rated at 50 gpm max. and discharges to the oil/water separator. The pump is manually started and has a low level shut-off float. A syphon break on the discharge line prevents gravity flow out of the Jet-A tanks.

- D. Oil/Water Separator — An underground cylindrical parallel plate type separator receives all stormwater runoff from fuel transfer areas, pump pads and the tank dike area. The separator has a total capacity of 1,000 gallons. This unit has a design flow rate of 100 gpm. The separator was designed in accordance with API Chapters 3 and 5 of the Manual on Disposal of Refinery Wastes, API-1630, and UL-58. Access manholes and a manual hand pump are provided for periodic inspection sampling and petroleum removal. A high oil level float is designed to activate an audible alarm signal upon oil level in the oil/water separator reaching approximately 50% of total capacity. The entire system is cathodically protected against corrosion.
- E. Discharge — Effluent from the oil/water separator flows via gravity to a sampling manhole of the airport storm sewer system which discharges into Bear Trap Creek (See Fig. No. 3). The effluent must not exceed the NYSDEC limits of 15 mg/l oil and grease content, and 0.1 mg/l total for benzene, toluene, and xylene as specified in the State Pollutant Discharge Elimination System (SPDES) Permit issued to the facility. Monitoring and sampling of the wastewater shall be in accordance with the schedule set forth in the SPDES Permit (Appendix B).
- F. Operating Procedure — At the start of each work day, the operator shall visually inspect the collected stormwater in the 8,000 gallon spill tank and the dike catch basin (sand trap) for the presence of petroleum. If there is no accumulation of petroleum product, the operator shall manually start the sump pump to pump the contents to the oil/water separator. Only one of the sump pumps can be operated at a time. Low level floats will automatically stop the sump pumps. If a spill

should occur while the pumps are running the operator or driver will be able to stop them by pushing any one of the "Emergency Power" buttons located at the dispensing islands and electrical building. Note that glycol will not be removed by the separator and must be recovered by other methods.

- G. Waste Product — Waste shall be removed by a permitted waste hauler licensed in New York State under 6 NYCRR Part 364. Sediment shall be periodically removed from the sand traps, catch basins, and oil water separator and disposed of in a manner consistent with applicable State, Federal, and local regulations. All liquid wastes and contaminated material shall be handled in strict conformance with Federal and State guidelines. The Owner has contracted with the licensed waste hauler identified in page i and ii of this SPCC Plan to remove wastes and assist in any spill cleanup.

2.08 SECURITY

- A. Fencing — The USAir fuel facility is located within the airport security fencing. Chain link fence, eight feet high with three strands of barbed wire, encloses the perimeter. Access to the facility for tanker trucks is through a card activated gate located near the air cargo road entrance. Tanker trucks are escorted by operations personnel throughout the delivery. Only authorized personnel are allowed to enter the fenced in areas of the airport.
- B. Signage — Traffic control and information signs are posted to direct drivers in and out of the facility. Delivery vehicles are restricted to the fuel facility area only.

- C. Pump Controls — All electrical pump controls for delivery and loading of product will be kept in the off position until activated by a key lock switch. The owner will issue keys to only those drivers authorized to handle specific products.
- D. Meters — Positive displacement meters with ticket printers will be provided for all delivery and loading systems. Product inventory control is the responsibility of the facility operator. Inventory records will be made available for review upon request.
- E. Electrical Building — Access to the water and control panel monitoring room in the electrical building is open to all personnel for recordkeeping, viewing the fire alarm control panel and tank level alarm panel, and operating the water fill system for deicing trucks. The door to the electrical room is kept locked with access limited to the operator.
- F. Valves — All tank drain valves and valves not in use shall be chain/padlocked.
- G. Lighting — The facility is well lighted to enable night time operation, visual inspection, and discourage vandalism. Light poles are located on the islands and along the front and back side of the dike to light the operating area.

SECTION 3 — INSPECTIONS AND RECORDS

3.01 Procedures

A. Inspection — The facility is subject to required NYSDEC monthly inspections as per 6 NYCRR Part 613.6 by the facility operator. Inspections must include the following:

1. Inspecting exterior surfaces of tanks, pipes, valves, and other equipment for leaks and maintenance deficiencies;
2. Identifying cracks, areas of wear, corrosion and thinning, pool maintenance and operating practices, excessive settlement of structures or separation or swelling of tank insulation, malfunctioning equipment and structural and foundation weaknesses; and
3. Inspecting and monitoring all leak detection systems, cathodic protection monitoring equipment, or other monitoring or warning systems which may be in place at the facility.

The federal aviation administration will conduct on-site inspections of the facility for safety and operating standards. The owner will also require annual inspection of all tanks in accordance with the Air Transportation Associations Specification No. 103 "Airport Fuel Inspection and Testing" and API — Guide for Inspection of Refinery Equipment Chapter XIII "Atmospheric and Low-Pressure Storage Tanks."

B. Reports — Monthly inspection reports shall be maintained by the facility operator and made available for review by the State upon request for a period of at least ten years. Sample report forms are included in Appendix B. Reports must include the following information:

1. Facility Registration Number
2. Tank Identification Number and Product
3. Date of Inspection
4. Results and Recommendations
5. Certification that inspection was done in accordance with approved methods
6. Inspectors address and signature

3.02 Corrective Action

- A. Repairs — If any inspection reveals a problem or equipment deficiency that could potentially result in the failure of the facility to properly contain the stored product, remedial action must be taken immediately.
- B. Uninspected Facilities — If required inspections are not made, the uninspected portion of the facility must be taken out-of-service in accordance with State guidelines.
- C. Certification — All repairs and corrective measures shall be documented. Tanks and piping systems shall be tested prior to being put back into service.
- D. Notification — All spills, leaks, or discharges of petroleum outside the limits of the containment system must be reported to the Owner, Airport Management, and the New York State Department of Environmental Conservation within two hours of discovery. Notification shall be made by calling the Emergency Telephone Numbers listed inside the front cover of this SPCC Plan.

SECTION 4 — PERSONNEL TRAINING

4.01 Instruction

- A. Tanker Truck Drivers — Carriers who provide product to the facility should be responsible, as part of their delivery agreement, to be trained in the proper operation and maintenance of equipment and in proper safety procedures to prevent discharges. Carriers should also be contractually obligated to perform necessary remedial actions when they are responsible for spills, and to provide complete notification to appropriate authorities, as well as to the Operations staff, of all spills.

The facility operator shall be present to familiarize all new drivers with facilities systems. To further inform themselves of applicable pollution control procedures, rules and regulations, drivers will be required to read and become familiar with this SPCC Plan. Copies will be issued to all companies delivering to the facility.

As per 6 NYCRR Part 613.3, the operator, when on the premises or when in control of a petroleum transfer, shall be responsible for transfer activities. If the operator is not on the premises or not in control of a petroleum transfer, the carrier will be responsible for transfer activities. The operator or carrier must employ practices for preventing transfer spills and accidental discharges. Prior to the transfer, the operator or carrier must determine that the receiving tank has available capacity to receive the volume of petroleum to be transferred. The operator or carrier must monitor every aspect of the delivery and must take immediate action to stop the flow of petroleum when the working capacity of the tank has been reached or should an equipment failure or emergency occur.

- B. Refuelers — Aircraft refuelers shall be trained by their employers and shall obey all rules and regulations adopted by the facility owner. Two copies of this Plan will be available at the facility for review.

4.02 Spill Prevention Briefings

- A. Operating Staff — The facility operator shall conduct monthly formal spill prevention briefings. The policy of the Owner is to inform all employees, through the operator, of this SPCC Plan, as well as changes in the facility, SPCC regulations, significant spill events or equipment failure and newly adopted precautionary measures to be made part of operating procedure.
- B. Training — Additional individual instruction shall be given as required. The specific duties of each individual shall be established by the operator.
- C. Spill and Spill Prevention Coordinator — The operator's designated employee shall act as the Spill Prevention Coordinator with on-site responsibility for coordination of spill prevention, spill response, and spill clean-up activities. The coordinator shall be directly accountable to the Owner.

In order for a flammable or combustible petroleum product to be ignited, the product must first be heated to its flash point such that the product volatilizes and mixes with air. Hydrocarbon ignition generally requires a mixture of air and gaseous hydrocarbon fuel within a specific ratio (fuel/air ratio) in addition to a heat/ignition source. Preventing or stopping a petroleum fire generally involves eliminating one of the three components: heat, fuel, or air.

The following mechanisms include a partial list of those which could generate the heat required for ignition (or, if heated and ignited gases are not allowed to expand freely, explosive) conditions:

- Addition of heat by flame or by contact with radiant or conductive heat sources (steam lines, flame, incident sun)
- Electrical short or spark (automotive ignition, welding)
- Service vehicles (especially exhaust systems) or motors

Before acting to control the environmental damage of a petroleum product spill, first consider the fire hazards. In many cases, the fire hazard may be more serious than the environmental risk. For example, a line leak in the vicinity of a delivery vehicle during hot weather, with strong petroleum scent indicating volatilization of product, represents a definite fire/explosion hazard.

NOTICE — This section does not provide training in fire prevention or control. If a fire hazard is evident, all personnel should leave the area immediately and contact the fire authorities, using the emergency fire pull stations, emergency stop push buttons, or similar means. If possible, and without danger to life or limb, the supply of fuel and/or heat should be removed from the spill area.

5.02 EMERGENCY RESPONSE COORDINATION

In the event of a spill, Electrical Building will be the "Command Center" of clean-up operations. The Facility Operator Spill Coordinator will have the authority to direct clean-up operations, whether by on-site staff or through the assistance of a specialty clean-

specialty clean-up contractor. Depending on the conditions of the spill, potential hazards and clean-up operations required, the Facility Operator may direct operations from the operator's office rather than the spill site. All personnel responsible for periodic inspection and operations of the petroleum product storage facilities should be familiar with this procedure.

5.03 EMERGENCY RESPONSE ACTIONS FOR PETROLEUM PRODUCT SPILLS

Emergency Spill Response is not part of this plan. See Emergency Contact List (inside front cover) for Emergency assistance.

5.04 SPILL REPORTING

The Facility Operator Spill Coordinator shall complete a Spill Report (sample form included in Appendix B of this SPCC Plan) as soon as possible after any spill at the facility. The following information must be recorded:

- a. Time when spill first discovered
- b. Time when spill was contained or stopped
- c. Exact location and source of spill (record on site plan or provide accurate written description utilizing stationary landmarks)
- d. Injuries or damage, if any
- e. Apparent cause of spill
- f. Product spilled
- g. Estimated volume or size of spill area
- h. Action taken to contain spill
- i. Persons notified
- j. Personnel on scene
- k. Evaluation of fire or environmental hazard(s) created by spill
- l. Disposal of recovered product

Keep this record on file and provide information as required to the New York State Department of Environmental Conservation (NYSDEC), if requested. Follow up all telephone conversations with written records of the event.

5.05 SPILL POTENTIAL ANALYSIS

The highest probability for a major spill event is recognized to be through human error. Due to containment structures such as concrete pads with curbing, secondary containment diking, and spill tank, there is a reduced potential for spill material to escape the containment system.

The greatest chance for a spill from the USAir fuel facility to escape the containment system would be by an operator inadvertently energizing the sump pumps to the oil water separator without proper inspections and/or operations of the sand traps, spill tank, or oil/water separator. The oil/water separator is designed to contain a limited capacity of product and is not designed to accept a large flow of pure product, or a diluted amount of product or an extended period of time without periodic removal of product.

A lesser chance exists for a spill from the USAir fuel facility to escape the containment system by a catastrophic event (seismic occurrence, aircraft crash, etc.). The following charts show the probable result of a potential release action for each of the tanks at the USAir fuel facility.

Tank No. 1 — 1,000 Gallon Diesel Fuel Storage Tank

POTENTIAL SPILL ACTION	SPILL (GALLONS)	PROBABILITY	PROBABLE RESULT
Tank failure	0 - 1,000	Very Unlikely	Gravity flow to dike sand trap manhole for visual inspection. Should the manually controlled sump pump be energized without proper inspection of the sand trap manhole, spill will be pumped into the oil/water separator prior to discharge to storm sewer.
Tank overfill via faulty interlock circuits	0 - 200	Very Unlikely	Same as above.
Vandalism	0 - 1,000	Extremely Unlikely	Same as above.
Aboveground piping failure or leak	0 - 200	Reasonably Likely	Same as above if problem occurs within diked containment area. If problem occurs over loading pad or pump pad, spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.
Fill or dispensing hose spillage or breakage	0 - 200	Reasonably Likely	Spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.

TANK NO. 2 — 20,000 GALLON UNLEADED GASOLINE FUEL STORAGE TANK

POTENTIAL SPILL ACTION	SPILL (GALLONS)	PROBABILITY	PROBABLE RESULT
Tank failure	0 - 20,000	Very unlikely	Gravity flow to dike sand trap manhole for visual inspection. Should manually controlled sump pump be energized without proper inspection of the sand trap manhole, spill will be pumped into the oil/water separator prior to discharge to storm sewer.
Tank overfill via faulty interlock circuits	0 - 600	Very Unlikely	Same as above.
Vandalism	0 - 20,000	Extremely Unlikely	Same as above.
Aboveground piping failure or leak	0 - 600	Reasonably Likely	Same as above if problem occurs within diked containment area. If problem occurs over loading pad or pump pad, spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.
Fill or dispensing hose spillage or breakage	0 - 600	Reasonably Likely	Spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.

TANK'S NO. 3 AND 4 — 20,000 GLYCOL STORAGE TANKS

POTENTIAL SPILL ACTION	SPILL (GALLONS)	PROBABILITY	PROBABLE RESULT
Tank failure	0 - 20,000	Very unlikely	Gravity flow to dike sand trap for visual inspection. Should manually controlled sump pump be energized without proper inspection of the sand trap manhole, spill will be pumped into the oil/water separator prior to discharge to storm sewer. It should be noted that the oil/water separator is ineffective with glycol fluids.
Tank overfill via faulty interlock circuits	0 - 600	Very Unlikely	Same as above.
Vandalism	0 - 20,000	Extremely Unlikely	Same as above.
Aboveground piping failure or leak	0 - 600	Reasonably Likely	Same as above if problem occurs within diked containment area. If problem occurs over loading pad or pump pad, spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer. It should be noted that the oil/water separator is ineffective with glycol fluids.
Fill or dispensing hose spillage or breakage	0 - 600	Reasonably Likely	Spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer. It should be noted that the oil/water separator is ineffective with glycol fluids.

TANK'S NO. 5 AND 6 — 210,000 GALLON JET-A (KEROSENE) FUEL STORAGE TANK

POTENTIAL SPILL ACTION	SPILL (GALLONS)	PROBABILITY	PROBABLE RESULT
Tank failure	0 - 212,000	Very Unlikely	Gravity flow to dike sand trap manhole for visual inspection. Should manually controlled sump pump be energized without proper inspection of the sand trap manhole, spill will be pumped into the oil/water separator prior to discharge to storm sewer.
Tank overfill via faulty interlock circuits	0 - 800	Very Unlikely	Same as above.
Vandalism	0 - 212,000	Extremely Unlikely	Same as above.
Aboveground piping failure or leak	0 - 800	Reasonably Likely	Same as above if problem occurs within diked containment area. If problem occurs over loading pad or pump pad, spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.
Fill or dispensing hose spillage or breakage	0 - 800	Reasonably Likely	Spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.

TANK NO. 7 — 500 GALLON SLOP STORAGE TANK

POTENTIAL SPILL ACTION	SPILL (GALLONS)	PROBABILITY	PROBABLE RESULT
Tank failure	0 - 500	Very Unlikely	Spill will flow by gravity into a sand trap manhole and then into the underground spill tank for visual inspection. Should manually controlled sump pump be energized without proper inspection of the spill tank, the contents of the tank will be pumped into the oil/water separator prior to discharge to storm sewer.
Tank overfill	0 - 10	Reasonably Likely	Same as above.
Vandalism	0 - 500	Extremely Unlikely	Same as above.

SECTION 6 — SPILL CONTROL PROCEDURES

6.01 GENERAL

- A. Grounding — Before the flow of product, the driver must properly ground the vehicle to eliminate any electrical potential differences that may exist. Static electricity may be generated by the vehicle, fuel flowing through hoses, piping and filter vessels. This condition exists when both delivering and loading fuel. Fires and resulting spills can be prevented by eliminating static charges which could jump a gap between equipment and create a spark. Grounding cables are provided at all transfer points. Proper grounding shall be accomplished by connecting the clamp provided to a metal part of the vehicle. On completion of the transfer operation, make sure to remove and store both hose and ground wire.
- B. Coordination — In the event of a major spill, the operators station will service as the center for cleanup operations as per Section 5.02 of this SPCC Plan. The tools and material used to contain and collect spills are to be stored in the electrical building. The Spill Prevention Coordinator will authorize and direct cleanup operations by the Operator's personnel and outside contractors.
- C. Definitions — NFPA-407 defines a small spill as covering an area less than 18 inches in any direction. A large spill is defined as being over 10 square feet in area. All spills must be addressed per instruction of this SPCC Plan and reported to the NYSDEC within two hours of discovery.
- D. Warning — All fuel spills shall be treated as potential fire hazards. The response taken shall depend upon the size and location of the spill. DO NOT leave the scene of a spill unattended. Notify the appropriate authorities immediately. Because of the many variables, no two spills will present identical hazards. Therefore, prompt action, good judgement, and training are essential.

6.02 SAFETY REGULATIONS

- A. No Smoking — Cigarettes, lighters, matches, or smoking material is strictly prohibited in the area of the facility.
- B. Welding — No welding or open flame is allowed without obtaining a permit from the Airport Rescue Fire Fighters (ARFF) and observing all safety precautions. Do not perform any function that could create a spark in a potentially explosive atmosphere.
- C. Fire Guard — A watch shall be posted to maintain a restricted area when a spill occurs and shall remain until the cleanup is complete. Suitable fire extinguishers are located around the facility and shall be periodically checked by the fire department. All personnel shall be familiar with airport fire regulations and know the location of emergency stop systems, fire alarm pull boxes and extinguishers.
- D. Vehicles — Vehicles operating close to the spill area shall be diverted or stopped. Engines shall not be started in the vicinity of a spill. All engines running close to the spill shall be switched off. If fuel is underneath a truck, do not move the vehicle or switch off the engine when the fuel is in the vicinity of the exhaust pipe.
- E. Repairs — Do not attempt to make repairs or adjustments to equipment without proper training and tools. If a problem exists notify the facility operator immediately.

- F. Miscellaneous — Unauthorized persons shall not be permitted in the fuel facility area. Private vehicles are not allowed in the area without the operator's authorization. Flashlights, cameras, radios, or tape players are not allowed in fuel transfer areas.

6.03 SPILL RESPONSE

- A. Control — Any personnel noticing a leak or spill shall notify the Facility Operator Spill Coordinator immediately. When a spill constitutes a definite fire hazard, the fire alarm system shall be activated which will shut down all pumps and automatically notify the ARFF unit. Only trained personnel shall attempt to stop a leak by the following actions, as necessary:
1. Stopping pumps,
 2. Closing valves,
 3. Diverting flow,
 4. Contain spill at source by surrounding it with absorbent material to soak it up.
- B. Equipment and Materials — The operator shall maintain the following items stored in the electrical room for spill containment and cleanup:
1. Brooms and shovels,
 2. Absorbent Material (Oil Mop Co.)
 - 4' x 4' pads
 - 250' long rolls
 3. Two 50 lb. bags of Speedi-Dry,
 4. Metal waste container with self-closing lid.

NOTE — No chemicals may be employed in a spill cleanup without DEC approval. Disposal of all recovered petroleum product and oil-soaked debris shall be in accordance with 6 NYCRR Part 611.6

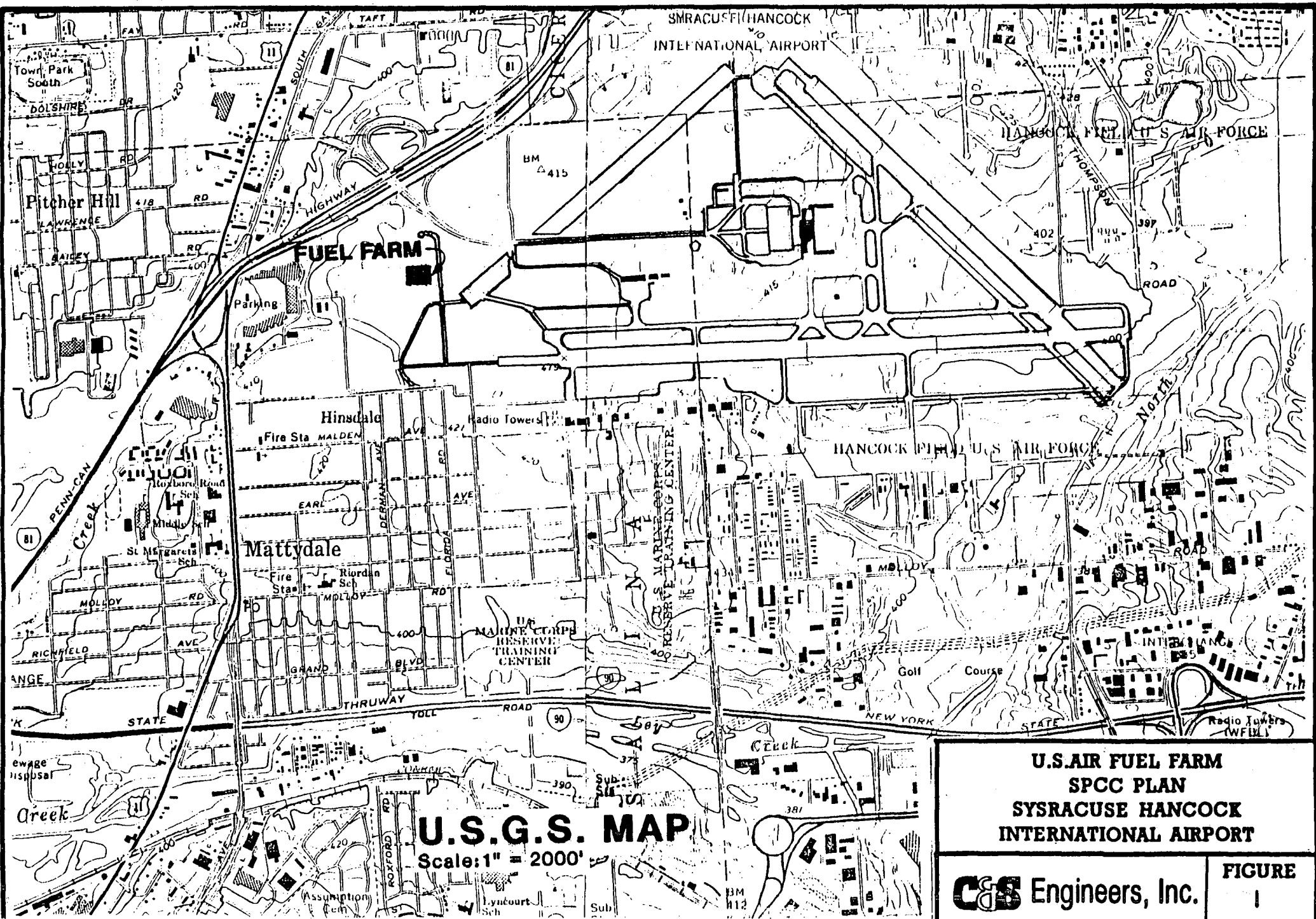
6.04 SURFACE SPILL CLEANUP

- A. Small Spills — Spills resulting from hose breaks and minor equipment leaks may be cleaned up with absorbent materials, cleaning agents, or cotton rags. The material used shall be nonflammable and be deposited in a covered steel container for disposal.
- B. Large Spills — Upon notification of the ARFF unit, larger spills may require the application of foam or dry chemicals. The conditions prevailing at the time will determine the method of cleanup required. Large spills will be subject to investigation by airport authorities and the Owner and regulatory agencies. If the volume of the spill is too great for facility personnel to handle, the Spill Coordinator shall contact a spill response contractor for assistance. All recoverable fuel spillage shall be disposed of properly.
- C. Wash Down — At no time is a spill to be washed down with water into the drainage system. The operator shall be responsible for making sure the spilled product does not leave the containment system. Product levels in the spill tank and dike pump station shall be checked daily. The oil/water separator is not designed to recover large amounts of spilled petroleum or dissolved product in water, and is ineffective on glycol fluids.
- D. Inspection — A complete inspection of the cleaned up spill area shall be performed to detect trapped fuel or vapors, with special attention to sumps, drains and underground structures. Jet fuels evaporate slowly and tend to remain in low areas, prolonging the fire hazard. Any residue shall be allowed to evaporate before the area is used for normal operations again. Strict safety precautions shall be maintained until all traces of flammable liquid and vapors have been removed.

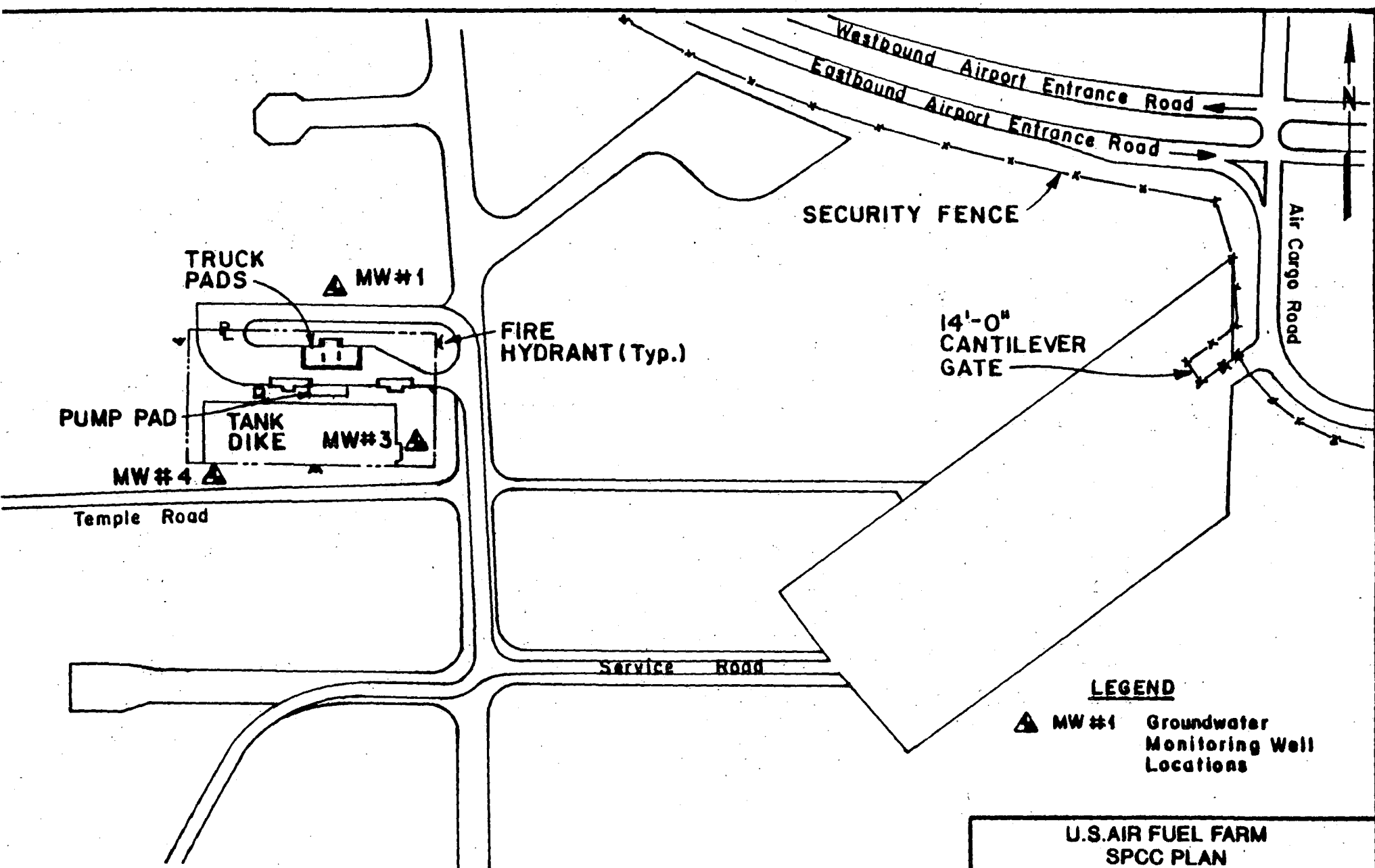
E. Spill Coordinator Duties — The Coordinator will have the following responsibilities:

1. Respond, in person to all spill events,
2. Coordinate all cleanup efforts,
3. Notify, appropriate agencies in the event of a spill (see inside front cover for agencies and phone numbers), and
4. Record and maintain spill information as instructed in Section 5.4 of this SPCC Plan.

APPENDIX A
SITE PLANS



**U.S. AIR FUEL FARM
SPCC PLAN
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT**



SITE PLAN

Scale: 1" = 200'

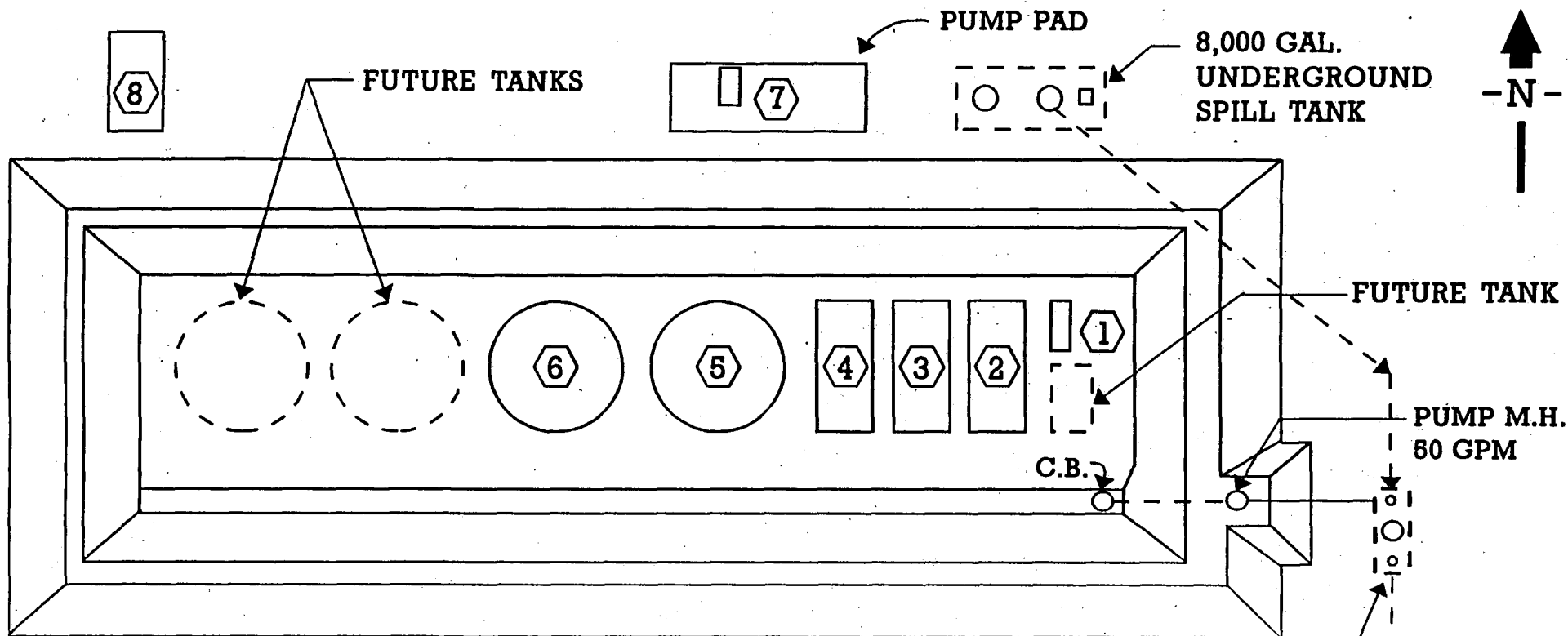
U.S. AIR FUEL FARM
SPCC PLAN
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT



Engineers, Inc.

FIGURE

2



LEGEND

- ① TANK DIESEL FUEL
- ② UNLEADED GASOLINE
- ③ GLYCOL FLUID
- ④ GLYCOL FLUID
- ⑤ JET-A FUEL
- ⑥ JET-A FUEL
- ⑦ SLOP TANK
- ⑧ TYPE 2 ANTI-ICING FLUID

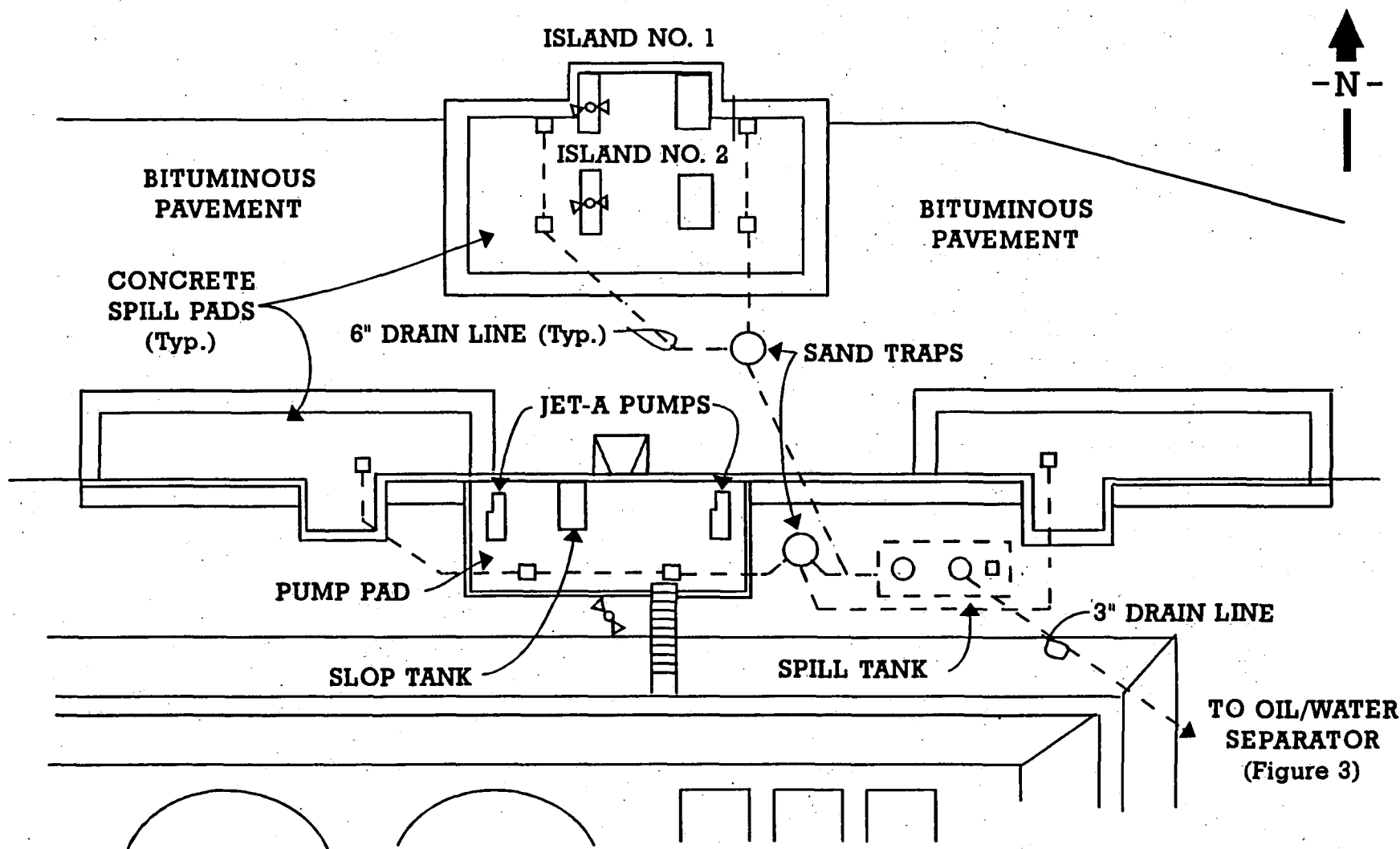
TANK LAYOUT

N.T.S.

U.S. AIR FUEL FARM
SPCC PLAN
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT

CCS Engineers, Inc.

FIGURE
3



LEGEND

□ CATCH BASIN

FOR TANK LAYOUT SEE FIG.3

TRUCK CONTAINMENT AREA

N.T.S.

U.S. AIR FUEL FARM
SPCC PLAN
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT

C&S Engineers, Inc.

FIGURE
4

APPENDIX B
INSPECTION AND REPORTING FORMS

USAIR FUEL FACILITY
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NEW YORK
DAILY DRAINAGE SYSTEM CLOSE-OUT SHEET

Record of inspection, drainage and petroleum removal USAir fuel facility containment system:

Date: _____ Time _____

SPILL CONTAINMENT TANK (Volume 8,000 gallons)

- Has spill occurred within the past 24 hours? Yes ☐ No ☐
- Has precipitation runoff entered spill tank within the past 24 hours? Yes ☐ No ☐
- Action taken _____

DIKE PUMP STATION (Volume 8,000 gallons)

- Is sheen present? Yes ☐ No ☐
- Is floating product present? Yes ☐ No ☐
- Water level _____
- Petroleum product level _____
- Pump Operated Yes ☐ No ☐
- Action taken: _____

Comments: _____

Operator _____ Operator _____

(Signature) (Print)

USAIR FUEL FACILITY
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NEW YORK
DAILY INSPECTION SHEET

CHECK if O.K. **R.A.** Requires Immediate Attention

S.M. Schedule Maintenance

The following items Shall Be Inspected:

Item	Description	Condition
1	Electrical Building	_____
2	First Aid Kit	_____
3	Telephone Communications	_____
4	Transfer Islands	_____
	• Ground Equipment	_____
	• Hose Condition	_____
	• Dust Caps	_____
	• Leaks	_____
	• Meters/Valves	_____
5	Emergency Shut-Down System	_____
6	Fire Alarm Panel	_____
7	Pumps/Filters/Strainers/Valves	_____
	• Seals	_____
	• Gauges	_____
	• Piping	_____
8	Slop Tank (Check Level)	_____
9	Storage Tanks	_____
	• Gauges	_____
	• Drains	_____
	• Walkways	_____
	• Dike	_____
10	Drainage Systems	_____
	• Sand Trap at Pad	_____
	• Sand Trap at Secondary Containments	_____
	• Spill Tank (Check Level)	_____
	• Pumps	_____
	• Oil/Water Separator	_____
11	Level Alarm Panel	_____
12	Fire Extinguishers	_____
13	No Smoking Signs	_____
14	General Condition of Facility	_____

Date: _____

Inspector: _____

(Signature)

Inspector: _____

(Print)

Remarks: _____

USAIR FUEL FACILITY
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NEW YORK
MONTHLY INSPECTION SHEET

CHECK if O.K. **R.A.** Requires Immediate Attention

S.M. Schedule Maintenance

The following items Shall Be Inspected:

Item	Description	Condition
1	Fencing, Gate, Grass, Pavement, etc.	_____
2	Dike condition—weeds, erosion, etc. <ul style="list-style-type: none">• Staining absent	_____ _____
3	Drainage System <ul style="list-style-type: none">• Sand trap sediment level	_____ _____
4	Transfer Islands <ul style="list-style-type: none">• General Condition• Strainers (clean)• Nozzles• Deadman Controls• Signs• Staining Absent	_____ _____ _____ _____ _____ _____
5	Pump/Filter Area <ul style="list-style-type: none">• Valve Operation• Filter Element Check• Vibration/Lubrication• Staining Absent• Controls	_____ _____ _____ _____ _____
6	Tanks (identify tank numbers inspected) <ul style="list-style-type: none">• Exterior Coating• Vents (check operation)• Perimeter condition of tanks• Foam Lines• Valve Operation	_____ _____ _____ _____ _____
7	High Level Alarm	_____
8	Piping and Supports	_____
9	Cathodic Protection Rectifier (report)	_____
10	Exterior Lighting	_____
11	Paint and Markings, Signage	_____
12	Potential Fire/Spill Hazards	_____
13	Spill Cleanup Materials	_____

I hereby certify that this inspection has been performed in a manner consistent with requirements of 6 NYCRR Part 613.6.

Date: _____ Inspector: _____
(Signature)

Facility Registration Number: _____ Inspector: _____
(Print)

Results and Recommendations: _____

USAIR FUEL FACILITY
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NEW YORK
Petroleum Spill Report

Report By _____ Date _____
Reported To _____ Incident No. _____

PART A — GENERAL INFORMATION

1. Material Spilled _____
2. Quantity Spilled _____
3. Location of Spill _____
4. Time Spill Discovered _____ Date _____
Discovered By _____
5. Time Spill Contained _____ Date _____
Contained By (County Staff or Outside Contractor?) _____
6. Time Cleanup Completed _____ Date _____
Clean-up by (County Staff or Outside Contractor?) _____
7. Total Cost of Spill _____
8. Cause of Spill _____

9. Extent of Injury or Property Damage _____

10. Evaluation of fire or environmental hazard(s) created by spill _____

PART B - NOTIFICATION(S)

1. Where did material go? (Describe the location & estimated release quantity)
Secondary Containment (completely contained) _____

Land (contained on land) _____
Water _____ Sanitary Sewer _____
Storm Sewer _____ Inside Building _____
Other (Describe) _____

USAIR FUEL FACILITY
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NEW YORK
Petroleum Spill Report

2. Who was notified?

Agency notified (verbal) _____

Date(s) and Time(s) _____

Name of Individual Notified _____

Personnel on Scene _____

Spill Report No. _____

Written Follow-Up Letter Sent Date _____ Person's Address _____

PART C - CORRECTIVE ACTIONS

1. Initial Response _____

2. Clean-Up Performed _____

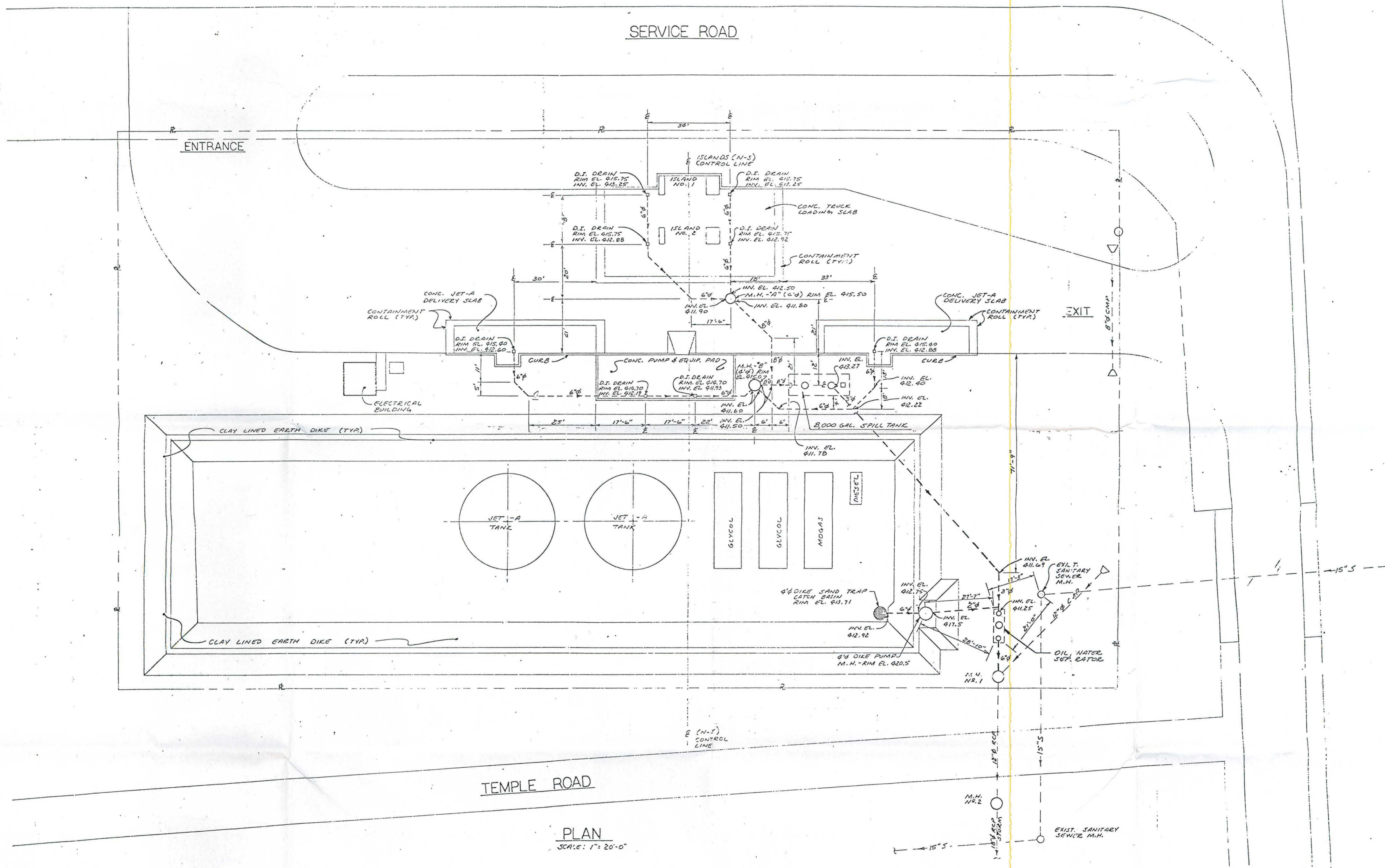
3. Disposal of recovered product _____

4. Permanent Corrective Action Taken To Prevent Recurrence _____

PART D - ADDITIONAL INFORMATION

APPENDIX C

RECORD DRAWING OF USAIR FUEL FACILITY



PLAN
SCALE: 1" = 20'-0"

RECORD DRAWING

RECEIVED
OCT 21 1988
MAINT. FACILITIES
PLANNING

PIEDMONT AIRLINES FUEL STORAGE FACILITY-SYRACUSE, N.Y.	
SCALE AS SHOWN	APPROVED BY <i>Robert J. J...</i>
DATE 10/18/88	DRAWN BY P.E. W.
SPILLAGE CONTROL SYSTEM RECORD DRAWING	
HAROSS CONSTRUCTION INC. 104 MARY LANE NEDRON, NEW YORK 13120	
DRAWING NUMBER	G-30

ATTACHMENT C
INVOICES
HAZARDOUS WASTE MANIFESTS
OPERATIONS AT SYRACUSE HANCOCK
INTERNATIONAL AIRPORT

SS
10/14

Retain this invoice in your records for three (3) years.

BISON WASTE OIL COMPANY INC.

P.O. Box 147
240 Main St.
Cowlesville, NY 14037

DEC #9A050

OFFICE:
11861 Broadway
Alden, NY 14004

716-937-7730 Fax 716-547-2228 1-800-542-5699

OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION OF USED OIL COMPOSITION

Company Name U.S. Air Ground Equipment
Company Street Address AIRPORT
City Syracuse State NY Zip 13212
Phone No. 315-454-4349

A. COMPANY CERTIFICATION:

1. Company is a used oil ☐ Generator ☒ Collector

2. That the used oil released 10-13-94 Date

3. ☒ Sample has been taken Bill to: US Air Maint

☒ Has not been mixed with any hazardous materials

☐ Contains chlorinated paraffinic compounds
(attach specifications)

4. ☐ Waste water

5. That this company generates ☒ less than ☐ more than
300 gallons per month

US AIRSYR

Jim Ohara
Hancock Int.
Airport
Syracuse NY
13215

x Walter Kamm
Company Certification Signature

Driver Signature Willie Martin

P.O. # _____

B. Charge per Gal. _____ x 250 = \$ 37.50
Gals. Chg. for Oil

Charge per Gal. _____ x _____ = \$ _____
Gals. Chg. for Water/Anti Freeze

Chg. 47.50 Environmental Fee \$ 10.00
x 7% = \$ 3.33
% Sales Tax Sales Tax Due

Total due — Pay this amount to Bison Waste Oil Co. \$ 50.79

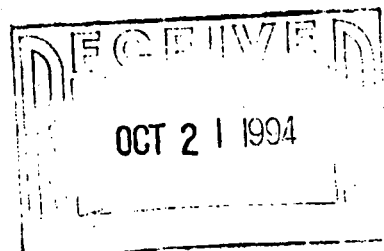
\$ 50.83

THIS IS YOUR INVOICE Check ☐ # _____

County Orl. Charge ☒ Cash ☐

94- 0730

MAINTENANCE APPROVE FOR PAYMENT	Print Name <u>JAMES P. OHARA</u>	Signature <u>James P. Ohara</u>	Date <u>10-21-94</u>	Charge To Budget/Expense Type <u>53-61140</u>	City <u>Orl</u>
	Dept. <u>494</u>				



Retain this invoice in your files

BISON WASTE OIL COMPANY INC.

P.O. Box 147
240 Main St.
Conesville, NY 14032

DEC #9A050

OFFICE:
11861 Broadway
Alden, NY 14004

716-937-7730 Fax 716-547-2228 1-800-542-5699

OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION OF USED OIL COMPOSITION

Company Name U.S. Air Ground Equipment
Company Street Address Airport
City Syracuse State NY Zip 13212
Phone No. 315-454-4309

A. COMPANY CERTIFICATION:

1. Company is a used oil _____ Generator ☒ Collector

2. That the used oil released 14-13-94
Date

3. ☒ Sample has been taken

☒ Has not been mixed with any hazardous materials

_____ Contains chlorinated paraffinic compounds
(attach specifications)

4. _____ Waste water

5. That this company generates _____ less than _____ more than
300 gallons per month

x Walter Kamm
Company Certification Signature

Driver Signature Willie Moten

P.O. # _____

B. Charge per Gal. _____ x 250 = \$ 37.50
Gals. Chg. for Oil

Charge per Gal. _____ x _____ = \$ _____
Gals. Chg. for Water/Anti Freeze

Environmental Fee \$ 10.00

Chg. _____ x 7% = \$ 3.79
% Sales Tax Sales Tax Due

Total due — Pay this amount to Bison Waste Oil Co. \$ 50.79

THIS IS YOUR INVOICE

Check ☐ # _____

County Orleans

Charge ☒

Cash ☐

94-0730

INVOICE
BISON WASTE OIL COMPANY INC.

P.O. Box 147
240 Main St.
Cowlesville, NY 14037

DEC #9A050

716-937-7730 Fax 716-937-7980 1-800-542-5699

OFFICE:
11861 Broadway
Alden, NY 14004

OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION
OF USED OIL COMPOSITION

Company Name US AIR
Company Street Address Airport Service Road
City Syracuse State NY Zip 13212
Phone No. (315) 451-4309

A. COMPANY CERTIFICATION:

1. Company is a used oil ☒ Generator ☐ Collector
2. That the used oil released 4/4/90 Date
3. ☒ Sample has been taken
☒ Has not been mixed with any hazardous materials
☐ Contains chlorinated paraffinic compounds
(attach specifications)
4. ☐ Waste water
5. That this company generates ☒ less than ☐ more than
300 gallons per month

[Signature] Company Certification Signature
Driver Signature [Signature]

P.O. # _____

B. Charge per Gal. .15 x 100 Gals. = \$ 60.00
Chg. for Oil.

Charge per Gal. _____ x _____ Gals. = \$ _____
Chg. for Water/Anti Freeze

Chg. 70.00 x 07 % Sales Tax = \$ 4.90
Sales Tax Due

Environmental Fee \$ _____

Total due — Pay this amount to Bison Waste Oil Co. \$ 74.90

Retain one (1) copy in your records for three (3) years.

THIS IS YOUR INVOICE Check ☐ # _____
County Madison Charge ☒ Cash ☐ **89- 9454**

INVOICE
BISON WASTE OIL COMPANY INC.

P.O. Box 147
240 Main St.
Cowlesville, NY 14037

FORM A050

OFFICE:
11861 Broadway
Alden, NY 14004

716-937-7730 Fax 716-937-7980 1-800-542-5699

**OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION
OF USED OIL COMPOSITION**

Company Name U.S. Air
Company Street Address 1010 South rd
City Syracuse State NY Zip 13212
Phone No. 315-454-4349

A. COMPANY CERTIFICATION:

1. Company is a used oil 1 Generator 1 Collector
2. That the used oil released 4/1/93
Date
3. 1 Sample has been taken
1 Has not been mixed with any hazardous materials
1 Contains chlorinated paraffinic compounds
(attach specifications) APR 5 1993
4. 1 Waste water
5. That this company generates 1 less than 1 more than
300 gallons per month

X J. H. [Signature] **APPROVED FOR PAYMENT**
Company Certification Signature DATE 4/7/93

Driver Signature _____
P.O. # 150411 4941083

B. Charge per Gal. 2.25 x 225 = \$ DL 614.25
Gals. Chg. for Oil

Charge per Gal. _____ x _____ = \$ _____
Gals. Chg. for Water/Anti Freeze

Chg. _____ x 7.0 = \$ _____
% Sales Tax Sales Tax Due

Environmental Fee \$ 15.00

Total due — Pay this amount to Bison Waste Oil Co. \$ 16.05

Retain one (1) copy in your records for three (3) years.

THIS IS YOUR INVOICE Check ☐ # _____

County Orleans Charge ☒ Cash ☐ **1-800-542-5699**

INVOICE
BISON WASTE OIL COMPANY INC.

P.O. Box 147
240 Main St.
Cowlesville, NY 14037

DEC #9A050

716-937-7730 Fax 716-937-7980 1-800-542-5699

OFFICE:
11861 Broadway
Alden, NY 14004

OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION
OF USED OIL COMPOSITION

Company Name _____

Company Street Address _____

City _____ State _____ Zip _____

Phone No. _____

A. COMPANY CERTIFICATION:

1. Company is a used oil _____ Generator _____ Collector _____
2. That the used oil released _____
Date _____
3. _____ Sample has been taken
_____ Has not been mixed with any hazardous materials
_____ Contains chlorinated paraffinic compounds
(attach specifications)
4. _____ Waste water
5. That this company generates _____ less than _____ more than
300 gallons per month

Company Certification Signature _____

Driver Signature _____

MAINTENANCE
APPROVE FOR PAYMENT

P.O. # John W DURY

B. Charge per Gal. _____ x _____ = \$ _____
Print Name _____

Charge per Gal. _____ x _____ = \$ _____
Signature _____

Chg. _____ x _____ = \$ _____
Date _____

Environmental Fee \$ _____

Total due \$ 53.57140

Charge To Budget _____

Retain one (1) copy in your records for three (3) years.

Dept. _____ City _____

THIS IS YOUR INVOICE

County _____ Charge ☐ Cash ☐

Gas. _____ = \$ _____ Chg. for Oil

Gas. _____ = \$ _____ Chg. for Water/Anti Freeze

% Sales Tax _____ = \$ _____ Sales Tax Due

Pay this amount to Bison Waste Oil Co. \$ _____

Check # _____

INVOICE
NO OTHER INVOICE WILL BE SENT
BISON WASTE OIL COMPANY INC.

P.O. Box 147
240 Main St
Cowlesville, NY 14037

DEC #9A050

716-937-7730 Fax 716-937-7980
1-800-542-5699

OFFICE:
11861 Broadway
Alden, NY 14004

OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION
OF USED OIL COMPOSITION

Company Name U.S. Air Maintenance
Company Street Address 1010 S. Service Rd
City Leicester State NY Zip 14004
Phone No. 716-454-1319

A. COMPANY CERTIFICATION:

1. Company is a used oil ☒ Generator 9-11-99 Collector
2. That the used oil released Date
3. ☒ Sample has been taken
☒ Has not been mixed with any hazardous materials
☒ Contains chlorinated paraffinic compounds
(attach specifications)
4. ☒ Waste water
5. That this company generates less than more
than 300 gallons per month

 Company Certification Signature
 Driver Signature

B. Charge per Gal. x 2.75 \$ Chg. for Oil
Gals.

Charge per Gal. x \$ Chg. for Water
Gals.

Chg. for oil x \$ Sales Tax Due
% Sales Tax

Total due — Pay this amount to Bison Waste Oil Co. \$

Retain one (1) copy in your records for three (3) years.

THIS IS YOUR INVOICE Check ☐ #
County Charge ☐ Cash ☐ 92-1225

INVOICE
NO OTHER INVOICE WILL BE SENT

BISON WASTE OIL COMPANY

P.O. Box 147 • 240 Main St. • Cowlesville, NY 14037

DEC #9A050

716-937-7730 FAX 937-7980

1-800-542-5699

**OFFICIAL USED OIL RECEIPT / INVOICE / CERTIFICATION
OF USED OIL COMPOSITION**

Company Name US Air GSE Shop
Company Street Address Hancock Air Port
City Syracuse State MAINTENANCE
Phone No. (315) 454-1349 **APPROVED FOR PAYMENT**

A. COMPANY CERTIFICATION:

1. Company is a used oil ☒ Generator ☐ Collector
2. That the used oil released [Signature]
3. ☒ Sample has been taken 4-23-90

- ☒ Has not been mixed with any hazardous materials
Contains chlorinated paraffinic compounds 43-67-140
(attach specification) Budget/Expense Type
4. ☐ Waste water 494 083
5. That this company generates less than more
than 300 gallons per month

[Signature]
Company Certification Signature

Driver Signature _____

B. Charge per Gal. 20 x 32.5 \$ 65.00
Gals. Chg. for Oil
Charge per Gal. _____ x _____ \$ _____
Gals. Chg. for Water
Chg. for oil _____ x 7% \$ 4.55
Sales Tax Due

Total due — Pay this amount to Bison Waste Oil Co. \$ 69.55

**PLEASE PAY
FROM THIS COPY**

Retain one (1) copy of this invoice for your records (9 years)

**NET PAYMENT DUE WITHIN
10 DAYS OF INVOICE DATE** 902715
THIS IS YOUR INVOICE
County Onondaga Charge ☒ Cash ☐



COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

JOB # S0432

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator US EPA ID No. NY 0000824581	Manifest Document No. 2	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address US AIR INC., MANCOCK INTERNATIONAL AIRPORT, NORTH SYRACUSE, NEW YORK, 13212 4. Generator's Phone (315) 455-1655				A. State Manifest Document Number MA-CL98423		
5. Transporter 1 Company Name CLEAN HARBORS OF KINGSTON, INC.		6. US EPA ID Number MA D039322250		B. State Gen. ID SAME		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Trans. ID PC6106		
9. Designated Facility Name and Site Address CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVE., BRAINTREE, MA 02184		10. US EPA ID Number MA D053452637		D. Transporter's Phone (617) 585-5111		
				E. State Trans. ID		
				F. Transporter's Phone ()		
				G. State Facility's ID Not Required		
				H. Facility's Phone (617) 349-1307		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. SPENT COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM), COMBUSTIBLE LIQUID, NA 1993			004 DM00330	6		MA 9
b. SPENT OIL, N.O.S. (FUEL OIL), COMBUSTIBLE LIQUID, NA 1270			014 DM00770	6		MA 0
c. NON DOT REGULATED MATERIAL			009 DM00495	6		MA 9
d. SPENT OIL, N.O.S. (HYDRAULIC OIL), COMBUSTIBLE LIQUID, NA 1270			001 DM00055	6		MA 0
J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)				K. Handling Codes for Wastes Listed Above		
a. RA9726 (UNUSED CLEANER)		c. RA9728 (ABSORBANT PADS)		a. c.		
b. RA9729 (WASTE OIL)		d. RA9706 (HYDRAULIC OIL)		b. d.		
15. Special Handling Instructions and Additional Information 24 HOUR EMERGENCY #: 1-800-OIL-TANK						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name DONALD L. GILFUC				Signature [Signature]		Date 12/25/90
17. Transporter 1 Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name [Signature]				Signature [Signature]		Month Day Year 06/25/90
18. Transporter 2 Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name [Signature]				Signature [Signature]		Month Day Year [Blank]
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name				Signature		Date Month Day Year

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

JOB# S0432

Print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator US EPA ID No. NYD0008243813343	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address US AIR, INC., HANCOCK INTERNATIONAL AIRPORT, NORTH SYRACUSE, NEW YORK 13212				A. State Manifest Document Number MA C698424		
4. Generator's Phone (315) 455-1655				B. State Gen. ID SAE		
5. Transporter 1 Company Name CLEAN HARBORS OF KINGSTON, INC.		6. US EPA ID Number MA D039322250		C. State Trans. ID PC61106		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (617) 585-5111		
9. Designated Facility Name and Site Address CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVE., BRAINTREE, MA 02184		10. US EPA ID Number MA D053452637		E. State Trans. ID		
				F. Transporter's Phone ()		
				G. State Facility's ID Not Required		
				H. Facility's Phone (617) 849-1807		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. SPENT OIL, H.O.S. (HYDRAULIC OIL), COMBUSTIBLE LIQUID, HA 1270						MA 0
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)			K. Handling Codes for Wastes Listed Above			
a. R49730 (HYDRAULIC OIL)			a.			
b.			b.			
c.			c.			
d.			d.			
16. Special Handling Instructions and Additional Information 24 HOUR EMERGENCY 4:1-800-OIL-TANK						
17. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Donald J. R. I. E.			Signature <i>[Signature]</i>		Date 11/15/90	
17. Transporter 1 Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name MARK V M'DONALD			Signature <i>[Signature]</i>		Month Day Year 06 02 54 0	
18. Transporter 2 Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Date Month Day Year	

Approved CMAA No. 20-01-01 Expires 9-30-91

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>8:

GENERATOR RETAINS

MA C698424 COPY>8: GENERATOR RETAINS

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE

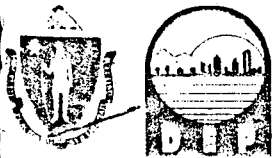
One Winter Street
Boston, Massachusetts 02108

52865 ✓

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator US EPA ID No. NYD000824581		Manifest Document No. SA939		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address US AIR, INC., HANCOCK INTERNATIONAL AIRPORT, NORTH SYRACUSE, NEW YORK 13212						A. State Manifest Document Number MA F041221							
4. Generator's Phone (315 455-1655)						B. State Gen. ID SAME							
5. Transporter 1 Company Name CLEAN HARBORS OF KINGSTON, INC.						C. State Trans. ID MA 06106 NY							
6. US EPA ID Number MA D039322250						D. Transporter's Phone (617 585-5111)							
7. Transporter 2 Company Name CLEAN HARBORS OF KINGSTON, INC.						E. State Trans. ID MA 06106 NY							
8. US EPA ID Number MA D039322250						F. Transporter's Phone (617 585-5111)							
9. Designated Facility Name and Site Address CLEAN HARBORS OF BRAINTREE, INC., 385 QUINCY AVE., BRAintree, MA 02184						G. State Facility's ID MA 053452637							
10. US EPA ID Number MA D053452637						H. Facility's Phone (617 849-1807)							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. WASTE OIL, N.O.S. (JET FUEL, ENGINE OIL) COMBUSTIBLE LIQUID, NA 1270						No. 008 Type HA		00440		G		MA 0	
b.													
c.													
d.													
16. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)						K. Handling Codes for Wastes Listed Above							
a. S11569 (JET FUEL/ENGINE OIL)						b. 5012							
c.						d.							
17. Special Handling Instructions and Additional Information 24 HOUR EMERGENCY #: 1-800-OIL-TANK						NYS HANDLING CODES 11A.) B							
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.													
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
19. Discrepancy Indication Space										Date Month Day Year 02/03/91			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										Date Month Day Year 01/03/91			
Printed/Typed Name Mark V. McDonald										Signature Mark V. McDonald			
Printed/Typed Name Matthew H. Rowe										Signature Matthew H. Rowe			
Printed/Typed Name Berry Taggart										Signature Berry Taggart			
Date Month Day Year 01/05/91													

MA F041221 COPY>3: FACILITY MAILED TO GENERATOR



COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street
Boston, Massachusetts 02108

70019

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator US EPA ID No. N Y D 0 0 0 7 2 4 5 8 1 S 1 1 4 5 9		Manifest Document No. S 1 1 4 5 9		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address US AIR GROUP INCORPORATED HANCOCK INTERNATIONAL AIRPORT, N. SYRACUSE, NY 13212						A. State Manifest Document Number MA F297151									
4. Generator's Phone (315) 455-1655						B. State Gen. ID SAME									
5. Transporter 1 Company Name CLEAN HARBORS OF KINGSTON, INC.						C. State Trans. ID PC6106 NY									
6. US EPA ID Number MA D 0 3 9 3 2 2 2 5 0						D. Transporter's Phone (617) 585-5111									
7. Transporter 2 Company Name Price Trucking Corp.						E. State Trans. ID P25-125 ME									
8. US EPA ID Number NY D 0 4 6 7 6 5 5 9 4						F. Transporter's Phone (716) 822-1914									
9. Designated Facility Name and Site Address CLEAN HARBORS OF BRAINTREE, INC. 385 QUINCY AVENUE BRAINTREE, MA 02184						G. State Facility's ID Not Required									
10. US EPA ID Number MA D 0 5 3 4 5 2 6 3 7						H. Facility's Phone (617) 849-1807									
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.			
a. WASTE OIL, N.O.S. (ENGINE OIL) COMBUSTIBLE LIQUID, MA1270						010DM00550		G		MA 01					
b.															
c.															
d.															
J. Additional Description (State Regulated Material) 10X55 (STATE REGULATED MATERIAL) a. S11569 (JETFUEL ENGINE OIL)						K. Handling Codes for Wastes Listed Above a. S 0 2									
b.						c.									
c.						d.									
d.															
15. Special Handling Instructions and Additional Information 24 HOUR EMERGENCY RESPONSE NUMBER: 1-800-OIL-TANK						NYS HANDLING CODE: 11A)B									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name DONALD L. GILFUS						Signature Donald L. Gilfus						Date 1/26/91			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name MARK V. MCDONALD						Signature Mark V. McDonald		Date 1/27/91	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name Ted Clark						Signature Ted Clark		Date 1/22/91	
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name PAUL PROFF						Signature Paul Proff						Date 1/22/91			

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

475839-846

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Billing
done

SEP 22 1993

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. NYD00034581		Manifest Document No. 77272		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.											
3. Generator's Name and Mailing Address USAIR GROUP INCORPORATED MAINTENANCE DEPARTMENT HANCOCK INTERNATIONAL AIRPORT SYRACUSE, NY 13212						A. State Manifest Document Number MA H 277272													
4. General Phone 315-430-1651						B. State Gen. ID HANCOCK INTERNATIONAL A SYRACUSE, NY 13212													
5. Transporter 1 Company Name CLEAN HARBORS ENV. SERVICES, INC.						C. State Trans. ID PC6106 NY													
6. US EPA ID Number MAD053452637						D. Transporter's Phone 617-585-5111													
7. Transporter 2 Company Name CLEAN HARBORS ENV. SERVICES, INC.						E. State Trans. ID 614183 ME													
8. US EPA ID Number MAD053452637						F. Transporter's Phone 617-585-5111													
9. Designated Facility Name and Site Address CLEAN HARBORS OF BRAINTREE, INC 385 QUINCY AVE BRAintree, MA 02184						G. State Facility's ID NOT REQUIRED													
10. US EPA ID Number MAD053452637						H. Facility's Phone (617) 843-1807													
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.							
a. WASTE COMBUSTIBLE LIQUID, H.O.S. (KEROSENE, MOTOR OIL), COMBUSTIBLE LIQUID. NA1993 PG111						No. 008 Type Dm		00400		G		D001							
b.																			
c.																			
d.																			
J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)						K. Handling Codes for Wastes Listed Above													
a. 8X55						b. S1012													
c.						d.													
15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CALL CHI AT 1-800-OLL-TANK WO#SY 6375						NYS Handling Code 11a) B													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																			
Printed/Typed Name JOHN W DURY					Signature <i>[Signature]</i>					Date Month Day Year 9/17/93									
17. Transporter 1 Acknowledgement of Receipt of Materials					Printed/Typed Name Dale Goodwin					Signature <i>[Signature]</i>					Date Month Day Year 09/07/93				
18. Transporter 2 Acknowledgement of Receipt of Materials					Printed/Typed Name Michael A. Jensen					Signature <i>[Signature]</i>					Date Month Day Year 09/04/93				
19. Discrepancy Indication Space																			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																			
Printed/Typed Name Michael D. Robillard					Signature <i>[Signature]</i>					Date Month Day Year 09/07/93									

Form Approved OMB No. 2050-0039. Expires 9/30/92
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>3: FACILITY MAILES TO GENERATOR

Please print or type (Form designed for use on elite 12 pitch typewriter)

_____ permits for and will accept the waste the generator is shipping

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Job # 546918

UNIFORM HAZARDOUS
WASTE MANIFEST

Generator's Name
CLEAN HARBORS ENV. SERVICES, INC.

Manifest Document No.
23523

State of MA
Information in this block is required by Federal law

MAINTENANCE DEPARTMENT
HARBOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212
315-453-1655

A. State Manifest Document Number
MA H 723523
B. State of MA
SYRACUSE, NY 13212

Transporter's Name
CLEAN HARBORS ENV. SERVICES, INC.

US EPA ID Number
MA000102250

C. State Trans ID
NYPR1561
6178491800

Transporter's Address
CLEAN HARBORS ENV. SERVICES, INC.

US EPA ID Number
MA000332250

D. Transporter's Phone
617 849 1800

Facility's Name
CLEAN HARBORS ENV. SERVICES, INC.

US EPA ID Number
MA003345267

F. Transporter's Phone
617 849 1800

G. State Facility's ID
NOT REQUIRED

H. Facility's Phone
617 949-1807

1. Describe the material (including Proper Shipping Name, Hazard Class and ID Number)

HAZARDOUS PETROLEUM OIL, COMBUSTIBLE LIQUID, UN120, PGII

12. Containers
No. Type
3 DM 165 G
13. Total Quantity
165 G
14. Unit (Wt/Vol)
G
15. Waste No.
MA01

FLUORIDE COMPOUND, NOT DOT REGULATED, NONE, NONE

3 DM 220 G
16. Total Quantity
220 G
17. Unit (Wt/Vol)
G
18. Waste No.
NONE

FORMALDEHYDE, SOLUTIONS, 9, UN2200, PGII

1 DM 275 G
19. Total Quantity
275 G
20. Unit (Wt/Vol)
G
21. Waste No.
NONE

FLOOR CLEANER, NOT DOT REGULATED, NONE, NONE

1 DM 55 G
22. Total Quantity
55 G
23. Unit (Wt/Vol)
G
24. Waste No.
NONE

16. and Descriptions for Materials Listed Above (include physical state and hazard code.)

(a) 3x85
(b) 1x55 3x85

(c) 4x55 1x85
(d) 1x55 3x85

K. Handling Codes for Wastes Listed Above
a. S1012
b. S1012
c. S1012
d. S1012

17. Emergency Call CHI AT 1-800-OIL-TANK NY STATE HANDLING CODES
11(b) 11(b) 11(b) 11(d) 6

18. I, the undersigned, hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway.

19. I, the undersigned, declare that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be reasonably achievable.

Signature: James A. O'Hara Date: 05/19/94

Signature: Mark J. Dumas Date: 05/19/94

Signature: John Schmoeth Date: 05/20/94

19. Emergency Call CHI AT 1-800-OIL-TANK NY STATE HANDLING CODES

20. Facility's Name or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Signature: Michael D. Robillard Date: 05/23/94

Signature: Michael D. Robillard Date: 05/23/94

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

MA 723524

UNIFORM HAZARDOUS
WASTE MANIFEST

Generator's US EPA ID No.
NYD000724581

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

Manifest Document No.

23524

Page 1 of 1 Information in the checked areas is not required by Federal law

ORANGE CHEMICALS INCORPORATED
MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212

City or State Phone (315) 455-1655

Transporter's Company Name

ELI-AN HARBORS ENV. SERVICES, INC.

Transporter's License Number

NY PR 1561

Transporter's Facility Name and Site Address

ELI-AN HARBORS OF BRAINTREE, INC.
95 QUINCY AVE
BRAINTREE, MA 02184

6. US EPA ID Number
MAD039322250

8. US EPA ID Number
MAD 039322250

10. US EPA ID Number
MAD053452637

A. State Manifest Document Number
MA H 723524

B. State HANCOCK INTERNATIONAL
SYRACUSE, NY 13212

C. State License ID
NY PR 1561

D. Transporter's Phone (617) 849-1800

E. State Trans ID

F. Transporter's Phone 617 849 1800

G. State Facility's ID NOT REQUIRED

H. Facility's Phone (617) 849-1807

11. Describe contents including Proper Shipping Name, Hazard Class and ID Number

EMPTY DRUMS, NON D.O.T. REGULATED, NONE, NA

110001 170

12. Containers
No. Type 13. Total Quantity 14. Unit (Vol/Wt/Vol) 15. Waste No.

14 DM 700 P NONE

16. Describe contents for Materials Listed Above (include physical state and hazard code.)

K. Handling Codes for Wastes Listed Above

a. 801 b. c. d.

17. Emergency Call CHL AT 1-800-OIL-TANK NY STATE HANDLING CODE: 110) 6

18. I, the undersigned, hereby declare that the contents of this consignment are fully and accurately described above by the shipper and are properly classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway in compliance with applicable federal, state and local government regulations.

Signature: JAMES P. O'HARA Date: 05/19/94

19. Transporter's Acknowledgement of Receipt of Materials
Signature: Mark J. Dumps Date: 05/19/94

20. Transporter's Acknowledgement of Receipt of Materials
Signature: John Schmoeth Date: 05/20/94

21. Discrepancy Indication Space

22. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Signature: Michael D. Robillard Date: 05/23/94

ELI-AN HARBORS has appropriate permits for and will accept the waste the generator is shipping

COPY > 3: FACILITY MAILES TO GENERATOR

MA H 723524 COPY > 3: FACILITY MAILES TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street, Boston, Massachusetts 02108

JB# 846774

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.
NY0000721581

Please print or type. (Form designed for use on 412 pitch typewriter.)

Manifest Document No.

23573

2. Date of 1

3. If generator is the shipper, this section is not completed by the shipper.

MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212
Telephone: 315-451-1310

A. State of MA H 723593

B. SHANCOCK INTERNATIONAL
SYRACUSE, NY 13212

Transporter 1 Company Name
CLEAN HARBORS ENV. SERVICES, INC.

6. US EPA ID Number
MA000032250

C. State Trans ID
NY PR-1561

D. Transporter's Phone (617) 6491800

E. State Trans ID

619603 ME

F. Transporter's Phone (617) 6491800

G. State Facility ID NOT REQUIRED

H. Facility's Phone (508)-655-8863

Transporter 2 Company Name

8. US EPA ID Number

MA000037320250

10. US EPA ID Number

MA0000523203

SHIP HARBORS ENV. SERVICES, INC.
Department, Facility Name and Site Address
CLEAN HARBORS OF HATICK, INC.
HATICK ROAD
HATICK, MA 01700

9. Describe contents of container (Include Shipping Name, Hazard Class and ID Number)

100 Gallon Drum, Internal, 3, UN1243, PG II

12. Containers

No.

Type

13. Total Quantity

14. Unit Weight

15. Waste No.

1

DF

80 P

DO01

FD05

16. Physical Descriptions for Materials Listed Above (include physical state and hazard code.)

(S)(I) 1X5

c.

d.

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

17. Special Handling Instructions and Additional Information

Emergency Phone: 1-800-OIL TRAIL

NY STATE HANDLING CODE 116)6

18. I, the undersigned, hereby declare that the contents of this consignment are fully and accurately described above by the shipper and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway as required by applicable international and national government regulations.

As the generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be necessary, and that I have adopted the best waste management practices that are feasible to minimize the present and future threat to human health and the environment.

Signature
Robert P. Pless

Signature

Robert P. Pless

Date

06/17/94

19. Transporter 1 Acknowledgment of Receipt of Materials

Signature
MARK J. DUNN

Signature

Mark J. Dunn

Date

06/17/94

20. Transporter 2 Acknowledgment of Receipt of Materials

Signature
John J. Kelly

Signature

John J. Kelly

Date

06/24/94

21. Discrepancy Indication Space

22. Facility Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Signature
James M. Nugent

Signature

James M. Nugent

Date

06/24/94



COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Job # 34696

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.
NYD000724581

Manifest Document No.

23627

2. Page 1
of 1

Information in the shaded areas
is not required by Federal law.

Generator's Name and Mailing Address
MAIR GROUP INCORPORATED
MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212
Generator's Phone 315-455-1655

Transporter 1 Company Name

CLEAN HARBORS ENV. SERVICES, INC.

Transporter 2 Company Name

Clean Harbors Env. Services, Inc.

Transporter 3 Company Name and Site Address

CLEAN HARBORS OF BRAINTREE, INC
105 QUINCY AVE
BRAINTREE, MA 02184

6. US EPA ID Number

MA0070122250

8. US EPA ID Number

MA0039322250

10. US EPA ID Number

MA053452637

A. State Manifest Document Number
MA H 723627

B. State Gen. ID
HANCOCK INTERNATIONAL
SYRACUSE, NY 13212

C. State Trans. ID
NY RP1561

D. Transporter's Phone (617) 849-1800

E. State Trans. ID
619019 ME

F. Transporter's Phone (617) 849-1800

G. State Facility's ID NOT REQUIRED

H. Facility's Phone (617) 849-1807

11. Description (including Proper Shipping Name, Hazard Class and ID Number)

FUEL, AVIATION, TURBINE ENGINE, 3, UN1863, PGII

6.7 x 165 = 1105.5 LBS

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

Waste No.

3 DM 165 G

NONE

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. (1.) 3x55 ERD27

c.

K. Handling Codes for Wastes Listed Above

a. S O 2

c.

15. Special Handling Instructions and Additional Information

01/7347

IN CASE OF EMERGENCY CALL CHL AT 1-800-OIL-TANK

NY STATE HANDLING CODE

110) b

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I am satisfied.

Printed/Typed Name
Charles T Adams

Signature

Charles T Adams

Date

Month Day Year
02 10 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
Mark Lumps

Signature

Mark Lumps

Date

Month Day Year
07 08 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Matthew H House

Signature

Matthew H House

Date

Month Day Year
07 08 94

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name
Mark Lumps

Signature

Mark Lumps

Date

Month Day Year
02 11 94

Form Approved OMB No. 2030-0002 Expires 9-30-94

EPA Form 357 (Rev. 9-89) Previous editions are obsolete.

Clean Harbors has appropriate permits for and will accept the waste the generator is shipping

COPY > 3: FACILITY MAILES TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Tab # 547141

JS 1. Generator's US EPA ID No. NYD000723581
Manifest Document No. 23886
2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212

Generator's Phone 315-454-4349

TRANSPORTER'S NAME
CLEAN HARBORS ENV. SERVICES, INC.

Transporter's Company Name

CLEAN HARBORS ENV. SERVICES INC.

Designated Facility Name and Site Address
CLEAN HARBORS OF BRAINTREE, INC.
385 QUINCY AVE
BRAINTREE, MA 02184

6. US EPA ID Number MA0539322250

8. US EPA ID Number MA039322250

10. US EPA ID Number MA053452637

A. State Manifest Document Number
MA H 723886

B. State HANCOCK INTERNATIONAL
SYRACUSE, NY 13212

C. State Trans NY PR 1561

D. Transporter's Phone 617 849 1800

E. State Trans. ID 620895 Me

F. Transporter's Phone 617 849 1800

G. State Facility's ID NOT REQUIRED

H. Facility's Phone 617 849 1807

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

3.00 DRY AND KEROSENE, NON D.O.T REGULATED, NONE

12. Containers

No. Type

3 DUL 300 P

13. Total Quantity

Unit

300 P

14. Unit

Wt/Vol

300 P

15. Waste No.

CR002

16. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
(SISTENT REGULATED 3XSS)

K. Handling Codes for Wastes Listed Above

a. S.O.I. c.

b. d.

NY STATE HANDLING CODES: 11a) B

17. Handling Instructions and Additional Information

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

19. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. (OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.)

Printed/Typed Name
JAMES P. O'HARA

Signature

James P. O'Hara

Date

Month Day Year

10/1/94

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

MARK J. JAMES

Signature

Mark J. James

Date

Month Day Year

10/1/94

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

KEVIN HURST

Signature

Kevin Hurst

Date

Month Day Year

10/5/94

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

JAMES CHAMBERLAIN

Signature

James Chamberlain

Date

Month Day Year

10/1/94

Form Approved OMB No. 2050-0039. Expires 9-30-94

EPA Form 3500-20 (Rev. 9-90) Previous editions are obsolete

Clean Harbors has appropriate permits for and will accept the waste the generator is shipping

COPY > 3: FACILITY MAILS TO GENERATOR

MA H 723886

COPY > 3: FACILITY MAILS TO GENERATOR

547141

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12 pitch) typewriter.)

546795

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.
NYD986893303
NYD986893303

Manifest Document No.
195835

2. Page 1
of 1
information in the shaded areas
is not required by Federal law.

3. Generator's Name and Mailing Address

USAIR GROUP INCORPORATED
MAINTENANCE DEPARTMENT
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13212

Generator's Phone (315) 454-4254

Transporter 1 Company Name

CLEAN HARBORS ENV. SERVICES, INC.

Transporter 2 Company Name

CLEAN HARBORS ENV. SERVICES, INC.

Designated Facility Name and Site Address

CLEAN HARBORS OF BRAINTREE, INC.
85 QUINCY AVE
BRAINTREE, MA 02184

6. US EPA ID Number

MAD039322250

8. US EPA ID Number

MAD039322250

10. US EPA ID Number

MAD053452637

A. State Manifest Document Number
MA H 395835

B. State Generator's ID
MOLLOY RD.
SYRACUSE, NY 13212

C. State Trans. ID
NY PR1561

D. Transporter's Phone (617) 849-1800

E. State Trans. ID
619006 ME

F. Transporter's Phone (617) 849-1800

G. State Facility's ID NOT REQUIRED

H. Facility's Phone (617) 849-1807

9. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

WASTE GASOLINE, 3, UN1203, PGII

HYDRAULIC OIL, NON-DOT REGULATED, NONE, N/A

12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
7	DM	1750	P	D001 D018
11	DM	605	G	CR02 MA 01 NONE

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. (I)(IXE) 7x55

c.

K. Handling Codes for Wastes Listed Above

a. S1012 c. 1 1

b. (I) 11x55

d.

b. S1012 d. 1 1

16. Special Handling Instructions and Additional Information
IN CASE OF EMERGENCY CALL CHI AT 1-800-OIL-TANK

NYS HANDLING CODES 11A)B 11B)B

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

JAMES A. O'HARA

Signature

James A. O'Hara

Date

Month Day Year
03/11/94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MARK J. DUMES

Signature

Mark J. Dumes

Date

Month Day Year
03/11/94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

John J. Kelly

Signature

John J. Kelly

Date

Month Day Year
03/12/94

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Brian Morrill

Signature

Brian Morrill

Date

Month Day Year
03/13/94

Form Approved OMB No. 2060-0010 Expires 9/30/92
EPA Form 8700-22 (Rev. 9-89) Previous editions are obsolete.

Clean Harbors has appropriate permits for and will accept the waste the generator is shipping

COPY>3: FACILITY MAILED TO GENERATOR

546795 MA H395835 COPY>3: FACILITY MAILED TO GENERATOR

ATTACHMENT D

HAZARDOUS WASTE MANIFESTS

OPERATIONS AT ONEIDA COUNTY AIRPORT

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

J. DURY
MANIFEST RECEIPT
Form Approved. OMB No. 2050-0039. Expires 9-30-91

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. 01Y 1017 15 18 19 16 17		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.							
3. Generator's Name and Mailing Address 1000 RD BOX 165 ORISKANY NY 13424						A. State Manifest Document No. NY B 285389 1									
4. Generator's Phone (315) 768-4663						B. Generator's ID									
5. Transporter 1 (Company Name) ENVIRONMENTAL & PETROLEUM SERVICE, INC.						C. State Transporter's ID 012-8441									
6. US EPA ID Number 01Y 1017 15 18 19 16 17						D. Transporter's Phone (315) 454-4467									
7. Transporter 2 (Company Name)						E. State Transporter's ID									
8. US EPA ID Number						F. Transporter's Phone ()									
9. Designated Facility Name and Site Address ENVIRONMENTAL & PETROLEUM SERVICE INC 1000 ROBERTSON ROAD SARASOTA FL 34238						G. State Facility's ID									
10. US EPA ID Number 01Y 1017 15 18 19 16 17						H. Facility's Phone (315) 454-4467									
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit		15. Waste No.			
a. (voluntary) FLAMMABLE LIQUID R.O.S./FLAMMABLE LIQUID/UN 1995						No. Type		Quantity		Unit		EPA STATE			
b. 60 Waste Oil Flammable Liquid NA-1270						011 010		010 155		G		EPA STATE			
c.												EPA STATE			
d.												EPA STATE			
Additional Descriptions for Materials listed Above												EPA STATE			
a.												EPA STATE			
b.												EPA STATE			
c.												EPA STATE			
d.												EPA STATE			
15. Special Handling Instructions and Additional Information ALL INFORMATION ON REVERSE OF LAND BAN ATTACHED TO MANIFEST. CALL TREC 1-800-424-9300. Pick up 7/24/92 Empty Drums						K. Handling Codes for Wastes Listed Above		a		b		c		d	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.						Printed/Typed Name		Signature		Mo. Day Year					
17. Transporter 1 (Acknowledgement of Receipt of Materials)						Printed/Typed Name Carl B. Helgeson Sr		Signature Carl B. Helgeson		Mo. Day Year 05/01/92					
18. Transporter 2 (Acknowledgement of Receipt of Materials)						Printed/Typed Name		Signature		Mo. Day Year					
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						Printed/Typed Name LISA ANDREWS		Signature Lisa Andrews		Mo. Day Year 05/01/92					

NY B 285389 1

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-91

Please print or type. Do not Staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 0075824862		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address U S Air, Purchasing Dept. W/SA220 P O Box 2720, Winston-Salem, NC 27156						A. State Manifest Document No. NY-B 182126 7			
4. Generator's Phone (315) 768-4088						B. Generator's ID Onida County Airport, Oriskany, NY 13424			
5. Transporter 1 (Company Name) Solvents & Petroleum Service, Inc.						6. US EPA ID Number NY 013277454			
7. Transporter 2 (Company Name)						8. US EPA ID Number			
9. Designated Facility Name and Site Address Solvents & Petroleum Service, Inc. 1405 Brewerton Rd. Syracuse, NY 13208						10. US EPA ID Number NY 0013277454			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID-Number)						12. Containers		13. Total Quantity	
a. RG WASTE FLAMMABLE LIQUID N.O.S./FLAMMABLE LIQUID/UN1993						No. 0020 Type A		14. Unit Wt/Vol 001110 G	
b.								I. Waste No. EPA 0001	
c.								STATE	
d.								EPA	
J. Additional Descriptions for Materials listed Above Toluene/Xylene						K. Handling Codes for Wastes Listed Above			
a						b <input checked="" type="checkbox"/>		c <input type="checkbox"/>	
b						d <input type="checkbox"/>		e <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name					Signature				
Mo. Day Year					Mo. Day Year				
17. Transporter 1 (Acknowledgement of Receipt of Materials)									
Printed/Typed Name					Signature				
Mo. Day Year					Mo. Day Year				
18. Transporter 2 (Acknowledgement of Receipt of Materials)									
Printed/Typed Name					Signature				
Mo. Day Year					Mo. Day Year				
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name					Signature				
Mo. Day Year					Mo. Day Year				



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD075824862		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.					
3. Generator's Name and Mailing Address Piedmont Airlines, Purchasing Dept. P/SA220 P. O. Box 2720, Winston-Salem, N.C., 27156						A. State Manifest Document No. NY-A729451-8							
4. Generator's Phone (315) 768-4088						B. Generator's ID Onida County Airport, Onidany, NY 13424							
5. Transporter 1 (Company Name) Solvents & Petroleum Service, Inc.						C. Transporter's ID MA 7142							
6. US EPA ID Number NYD013277454						D. Transporter's Phone (315) 454-4467							
7. Transporter 2 (Company Name)						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone ()							
9. Designated Facility Name and Site Address Solvents & Petroleum Service, Inc. 1405 Brewerton Rd. Syracuse, NY 13208						G. State Facility's ID							
10. US EPA ID Number NYD013277454						H. Facility's Phone (315) 454-4467							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit		15. Waste No.	
a. RG WASTE FLAMMABLE LIQUID N.O.S./FLAMMABLE LIQUID/UN1993						No. 003 Type 04		00165		6		0001	
b.													
c.													
d.													
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above							
a. Toluene/Xylene						a. <input checked="" type="checkbox"/> R c. <input type="checkbox"/>							
b.						b. <input type="checkbox"/> d. <input type="checkbox"/>							
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name						Signature						Mo. Day Year	
17. Transporter 1 (Acknowledgement of Receipt of Materials)												080489	
Printed/Typed Name Jerry G. Hardy						Signature Jerry G. Hardy						Mo. Day Year 080489	
18. Transporter 2 (Acknowledgement or Receipt of Materials)													
Printed/Typed Name						Signature						Mo. Day Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature						Mo. Day Year	



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address		4. Generator's Phone ()		A. State Manifest Document No. NY A 734348 7	
5. Transporter 1 (Company Name)		6. US EPA ID Number		B. Generator's	
SOLVENTS & PETROLEUM SERVICE, INC.		NY 0013277454		C. State Transporter's ID 221077	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone (315) 454-4467	
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Transporter's ID	
SOLVENTS & PETROLEUM SERVICE, INC.		NY 0013277454		F. Transporter's Phone ()	
1405 Breverton Rd.				G. State Facility's ID	
Syracuse, NY 13203				H. Facility's Phone (315) 454-4467	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. 24		No.	Type		
b.					
c.					
d.					
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above			
a		c		a	
b		d		b	
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Mo. Day Year	
17. Transporter 1 (Acknowledgement of Receipt of Materials)					
Printed/Typed Name		Signature		Mo. Day Year	
18. Transporter 2 (Acknowledgement or Receipt of Materials)					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Mo. Day Year	

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY0075824862		Manifest Document No.		2. Page 1 of one		Information in the shaded areas is not required by Federal Law.					
3. Generator's Name and Mailing Address Piedmont Airlines, Purchasing Dept. N/SA220 P. O. Box 2720, Winston-Salem, N.C. 27156						A. State Manifest Document No. NY A 734301 9							
4. Generator's Phone (315) 768-4088						B. Generator's ID Number Airport, Criskey, NY 13124							
5. Transporter 1 (Company Name) SOLVENTS & PETROLEUM SERVICE, INC.						C. State Transporter's ID AM8365							
6. US EPA ID Number NY0013277454						D. Transporter's Phone (315) 454-4467							
7. Transporter 2 (Company Name)						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone ()							
9. Designated Facility Name and Site Address SOLVENTS & PETROLEUM SERVICE, INC. 1405 BREWERTON ROAD SYRACUSE, NY 13208						G. State Facility's ID							
10. US EPA ID Number NY0013277454						H. Facility's Phone 315-454-4467							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit WT/Vol		15. Waste No.	
a. RG WASTE FLAMMABLE LIQUID N.O.S./FLAMMABLE LIQUID/UN1993						005		00275		8		0001	
b.													
c.													
d.													
J. Additional Descriptions for Materials listed Above a. contains: Thinner/Xylene						K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>							
b.													
c.													
d.													
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name						Signature				Mo. Day Year			
17. Transporter 1 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name Jerry G. Hardy						Signature <i>Jerry G. Hardy</i>				Mo. Day Year 113088			
18. Transporter 2 (Acknowledgement of Receipt of Materials)													
Printed/Typed Name						Signature				Mo. Day Year			
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature				Mo. Day Year			

NY A 734301 9



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

David Palazzoli
MANIFEST RECEIPT
Form Approved OMB No. 2050-0039 Expires 9-30-88

Please print or type.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7382.

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 0075824862		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.									
3. Generator's Name and Mailing Address Piedmont Airlines, Purchasing Dept. M/S A220 P.O. Box 2720, Winston-Salem, N.C. 27156						A. State Manifest Document No. NY A 580674 6											
4. Generator's Phone (315) 768-4088						B. Generator's ID No. NY 13424											
5. Transporter 1 (Company Name) Solvents & Petroleum Service Inc.						C. State Transporter's ID 128441											
6. US EPA ID Number NY 0013277454						D. Transporter's Phone (315) 454-4467											
7. Transporter 2 (Company Name)						E. State Transporter's ID											
8. US EPA ID Number						F. Transporter's Phone ()											
9. Designated Facility Name and Site Address Solvents & Petroleum Service Inc. 1405 Brewerton Rd. Syracuse, N.Y. 13208						G. State Facility's ID											
10. US EPA ID Number NY 0013277454						H. Facility's Phone (315) 454-4467											
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.					
a. RQ Waste Flammable Liquid N.O.S. Flammable Liquid UN1993						002 DM		001/106				0001					
b.																	
c.																	
d.																	
J. Additional Descriptions for Materials listed Above contains: Thinner/Xylene						K. Handling Codes for Wastes Listed Above R											
15. Special Handling Instructions and Additional Information BUILDING MAINT. UCA																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name David Palazzoli						Signature <i>David Palazzoli</i>				Mo. Day Year 10 7 15 88							
17. Transporter 1 (Acknowledgement of Receipt of Materials)						Printed/Typed Name Jerry G. Hardy				Signature <i>Jerry G. Hardy</i>				Mo. Day Year 10 7 15 88			
18. Transporter 2 (Acknowledgement or Receipt of Materials)						Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space																	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																	
Printed/Typed Name Lisa Andrews						Signature <i>Lisa Andrews</i>				Mo. Day Year 10 7 15 88							



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

David Palazzoli
MANIFEST RECEIPT

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY D O 7 5 8 2 4 8 6 2		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Piedmont Airlines, Purchasing Dept. M/S A220 P.O. Box 2720, Winston-Salem, N.C. 27156						A. State Manifest Document No. NY A 580601-7					
4. Generator's Phone (315) 768-4088						B. Generator's ID N.Y. 13424 Oneida Co. Airport, Oriskany					
5. Transporter 1 (Company Name) Solvents & Petroleum Service Inc.						C. State Transporter's ID LZ8997					
6. US EPA ID Number NY D O 1 3 2 7 7 4 5 4						D. Transporter's Phone (315) 454-4467					
7. Transporter 2 (Company Name)						E. State Transporter's ID					
8. US EPA ID Number						F. Transporter's Phone					
9. Designated Facility Name and Site Address Solvents & Petroleum Service Inc. 1405 Brewerton Rd. Syracuse, N.Y. 13208						G. State Facility's ID					
10. US EPA ID Number NY D O 1 3 2 7 7 4 5 4						H. Facility's Phone 315 454-4467					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
a. RQ Waste Flammable Liquid N.O.S. Flammable Liquid UN1993						No. 002 Type D		Quantity 001		Unit WT/VOL	
b. RECEIVED JUL 01 1988 BUILDING MAINT. UCA											
c.											
d.											
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. contains: Thinner/Xylene						b. <input checked="" type="checkbox"/> R <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z					
b.						c.					
c.						d.					
15. Special Handling Instructions and Additional Information											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name DAVID PALAZZOLI						Signature <i>David Palazzoli</i>					
17. Transporter 1 (Acknowledgement of Receipt of Materials)						Mo. Day Year 10 6 15 88					
Printed/Typed Name Jerry G. Hardy						Signature <i>Jerry G. Hardy</i>					
18. Transporter 2 (Acknowledgement or Receipt of Materials)						Mo. Day Year 10 6 15 88					
Printed/Typed Name						Signature					
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Sean Andrews						Signature <i>Sean Andrews</i>					
						Mo. Day Year 10 6 15 88					



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

David Palazzoli
MANIFEST RECEIPT

Please, print or type.

Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY D Q 7 5 8 2 4 8 6 2		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Piedmont Airlines, Purchasing Dept. M/S A220 P.O. Box 2720, Winston-Salem, N.C. 27156						A. State Manifest Document No. NY A 580484-7			
4. Generator's Phone (319 768-4088)						B. Generator's ID N.Y. 13424 Oneida Co. Airport, Oriskany			
5. Transporter 1 (Company Name) Solvents & Petroleum Service Inc.				6. US EPA ID Number NY D Q 1 3 2 7 7 4 5 4		C. State Transporter's ID 37446P			
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone (315 454-4467)			
9. Designated Facility Name and Site Address Solvents & Petroleum Service Inc. 1405 Brewerton Rd. Syracuse, N.Y. 13208						10. US EPA ID Number NY D Q 1 3 2 7 7 4 5 4			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total	
						No.		Quantity	
a. RQ Waste Flammable Liquid N.O.S. Flammable Liquid UN1993						003 DM		09/65 G	
b.									
c.									
d.									
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above			
a. contains: Thinner/Xylene						R <input type="checkbox"/>			
b.						c. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.									
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name David H. Schoen				Signature <i>David H. Schoen</i>				Mo. Day Year 033188	
17. Transporter 1 (Acknowledgement of Receipt of Materials)									
Printed/Typed Name William Bucher				Signature <i>William Bucher</i>				Mo. Day Year 033188	
18. Transporter 2 (Acknowledgement or Receipt of Materials)									
Printed/Typed Name				Signature				Mo. Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Lisa J. Morris				Signature <i>Lisa J. Morris</i>				Mo. Day Year 033188	

P.O. Box 12820, Albany, New York 12212

MANIFEST RECEIPT

Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY D 0 7 5 8 2 4 8 6 2		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Piedmont Airlines, Purchasing Dept. M/S A220 P.O. Box 2720, Winston-Salem, N.C. 27156		4. Generator's Phone (315) 768-4088		6. US EPA ID Number NY D 0 1 3 2 7 7 4 5 4		7. State Manifest Document No. NY A 585496 8		8. Generator's ID N.Y. 13424	
5. Transporter 1 (Company Name) Solvents & Petroleum Service Inc.		8. US EPA ID Number NY D 0 1 3 2 7 7 4 5 4		9. Designated Facility Name and Site Address Solvents & Petroleum Service Inc. 1405 Brewerton Rd. Syracuse, N.Y. 13208		10. US EPA ID Number NY D 0 1 3 2 7 7 4 5 4		11. State Transporter's ID 9766 861	
12. Containers		13. Total Quantity		14. Unit		15. Waste No.			
a. RQ Waste Flammable Liquid NOS Flammable Liquid UN1993		004 DM		0022 G		D001			
b.									
c.									
d.									
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above							
a. contains: Thinner/Toluene		b.		c.		d.			
15. Special Handling Instructions and Additional Information									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.									
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name DAVID HILL		Signature David Hill		Mo. Day Year 11/20/87					
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Signature Jerry G. Hardy		Mo. Day Year 11/20/87					
Printed/Typed Name Jerry G. Hardy		Signature Jerry G. Hardy		Mo. Day Year 11/20/87					
18. Transporter 2 (Acknowledgement or Receipt of Materials)		Signature		Mo. Day Year					
Printed/Typed Name		Signature		Mo. Day Year					
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Amy Sakes-Johnson		Signature Amy Sakes-Johnson		Mo. Day Year 11/30/87					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

David Palazzoli

MANIFEST RECEIPT

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD075824862		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address Piedmont Airlines Oneida County Airport ORISKANY NY 13424				A. State Manifest Document No. NY A 585230 A		B. Generator's ID SAME			
4. Generator's Phone (315) 768-7831				6. US EPA ID Number NYD013277454		C. State Transporter's ID 99668GA		D. Transporter's Phone (315) 454-4467	
5. Transporter 1 (Company Name) Solvents & Petroleum Service, Inc.				8. US EPA ID Number NYD013277454		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 (Company Name) Solvents & Petroleum Service, Inc.				10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone	
9. Designated Facility Name and Site Address Solvents & Petroleum Service, Inc. 1405 Brewerton Rd SYRACUSE NY 13208				10. US EPA ID Number NYD013277454		315 454-4467			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers		13. Total Quantity		14. Unit	
a. RO WASTE Flammable Liquid NQS. Flammable → Liquid UN1993				No. Type		Quantity		Unit	
b.								Wt/Vol	
c.								Waste No.	
d.									
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above					
a. Thinner/Xylene				a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
b.				b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name DAVID PALAZZOLI				Signature David Palazzoli				Mo. Day Year 10 7 28 87	
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name Jerry G. Hardy				Signature Jerry G. Hardy	
18. Transporter 2 (Acknowledgement of Receipt of Materials)				Printed/Typed Name				Signature	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name NISA ANDREWS				Signature Lisa Andrews				Mo. Day Year 10 7 28 87	

In case of emergency or spill, immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

FACILITY

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

MANIFEST RECEIPT

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N Y D 0 7 5 8 2 4 8 6 2		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address Piedmont Airlines Oneida County Airport Oriskany, N.Y. 13424						A. State Manifest Document No. NY A 574265 7					
						B. Generator's ID 8336					
4. Generator's Phone 315 768-7831						C. State Transporter's ID AM8365					
5. Transporter 1 (Company Name) Solvents & Petroleum Service, Inc.						D. Transporter's Phone 315 454-4467					
7. Transporter 2 (Company Name)						E. State Transporter's ID					
8. US EPA ID Number						F. Transporter's Phone					
9. Designated Facility Name and Site Address Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, N.Y. 13208						G. State Facility's ID					
10. US EPA ID Number						H. Facility's Phone 315 454-4467					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
						No. Type		Quantity		Wt/Vol	
a. Waste Flammable Liquid N.O.S. Flammable Liquid UN1993						003 DIM		00165 G		Waste No. 0001	
b. Hazardous Waste Liquid N.O.S. ORM-E NA9189						001 DIM		00055 G		0001	
c.											
d.											
J. Additional Descriptions for Materials Listed Above contains: Toluene/Xylene						K. Handling Codes for Wastes Listed Above					
a.						b.					
b.						c.					
15. Special Handling Instructions and Additional Information P.O. # U1237											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name DAVID PALAZZO						Signature <i>David Palazzo</i>			Mo. Day Year 05 12 87		
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name Terry G Hardy						Signature <i>Terry G Hardy</i>			Mo. Day Year 05 12 87		
18. Transporter 2 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name						Signature			Mo. Day Year		
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name LISA ANDREWS						Signature <i>Lisa Andrews</i>			Mo. Day Year 05 12 87		



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

MANIFEST RECEIPT

David Zalazny
Form Approved. OMB No. 2000-0404. Expires 7-31-88

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N Y D 0 7 5 8 2 4 8 6 2	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address Piedmont Airlines Oneida County Airport Oriskany, N. Y. 13424			A. State Manifest Document No. NY/A 370890 0		
4. Generator's Phone (315) 768-7831			B. Generator's ID Same		
5. Transporter 1 (Company Name) Solvents & Petroleum Service, Inc.			C. State Transporter's ID 374446P		
6. US EPA ID Number N Y D 0 1 3 2 7 7 4 5 4			D. Transporter's Phone (315) 454-4467		
7. Transporter 2 (Company Name)			E. State Transporter's ID		
8. US EPA ID Number			F. Transporter's Phone ()		
9. Designated Facility Name and Site Address Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, n. Y. 13208			G. State Facility's ID		
10. US EPA ID Number N Y D 0 1 3 2 7 7 4 5 4			H. Facility's Phone (315) 454-4467		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Flammable Liquid N.O.S. Flammable Liquid UN1993			009 D M	604.95	G
b. Waste 1,1,3 Trichlorotrifluorethane ORM-A UN9189			001 D M	000.55	G
c. Waste Petroleum Naphtha Flammable Liquid UN # 1255			001 D M	000.55	G
d.					
J. Additional Descriptions for Materials listed Above			K. Handling Codes for Wastes Listed Above		
contains: a. Toluene/Xylene			a. <input checked="" type="checkbox"/> R <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> H		
b.			b. <input checked="" type="checkbox"/> R <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> H		
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.					
Printed/Typed Name DAVID DALAZZNY			Signature <i>David Dalazny</i> Mo. Day Year 11/27/98		
17. Transporter 1 (Acknowledgement of Receipt of Materials)					
Printed/Typed Name Stephen Pokrentowski			Signature <i>Stephen Pokrentowski</i> Mo. Day Year 11/27/98		
18. Transporter 2 (Acknowledgement or Receipt of Materials)					
Printed/Typed Name David Dalazny			Signature <i>David Dalazny</i> Mo. Day Year 11/27/98		
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Lisa Andrews			Signature <i>Lisa Andrews</i> Mo. Day Year 11/27/98		



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2000-0404. Expires 7-31-86

Please print or type.

manifest receipt

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. N Y D 0 7 5 8 2 4 8 6 2	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address Piedmont Airlines Oneida County Airport Oriskany, N. Y. 13424		6. US EPA ID Number N Y D 0 1 3 2 7 7 4 5 4		A. State Manifest Document No. NY A 370745-8	
4. Generator's Phone (315) 768-7831		7. Transporter 2 (Company Name)		B. Generator's ID NAME	
5. Transporter 1 (Company Name) Solvents & Petroleum Service, Inc.		8. US EPA ID Number		C. State Transporter's ID 996686A	
9. Designated Facility Name and Site Address Solvents & Petroleum Service, Inc. 1405 Brewerton Road Syracuse, N. Y. 13208		10. US EPA ID Number N Y D 0 1 3 2 7 7 4 5 4		D. Transporter's Phone (315) 768-7831	
				E. State Transporter's ID 454446	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (315) 768-7831 454-446	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	14. Unit
a. Waste		No. Type		Quantity	Wt/Vol
Flammable Liquid N.O.S. Flammable Liquid UN1993		025 D MO		1375	G
b. WASTE 1,1,1 Trichloroethane					
ORM-A UN 2831		001 DM		00055	G
c.					
d.					
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above			
contains:		a. R		b. R	
a. Toluene/Xylene		c. R		d. R	
b.		e. R		f. R	
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.					
Printed/Typed Name DAVID PALAZZOLI		Signature David Palazzoli		Mo. Day Year 10 8 1986	
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Signature Jerry G Hardy		Mo. Day Year 10 8 1986	
Printed/Typed Name Jerry G Hardy		Signature Jerry G Hardy		Mo. Day Year 10 8 1986	
18. Transporter 2 (Acknowledgement of Receipt of Materials)		Signature		Mo. Day Year	
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Lisa Andrews		Signature Lisa Andrews		Mo. Day Year 08 28 89	

ATTACHMENT E

SPDES PERMIT

State Pollutant Discharge Elimination System (SPDES)
DISCHARGE PERMIT
Special Conditions (Part I)

Industrial Code SIC 3171
Discharge Class (C.D.) 02
Toxic Class (EX) 1
Major D.B. 07
Sub D.B. 02

Facility ID Number: NY-0157473
EPA Tracking Number: 70-86-0130
Effective Date (EDP): February 1, 1988
Expiration Date (ExDP): February 1, 1993
Modification Date(s): August 9, 1989
Attachment(s): General Conditions (Part II, 2/85)

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et. seq.) hereinafter referred to as "the Act".

Agent: Stephen Paine

Facility Name: US Air
Street: Greater Pittsburg International Airport
City: Pittsburgh State: PA Zip Code: 15231

is authorized to discharge from the facility described below:

Facility Name: US Air
Location (C.T.V.): Syracuse County: Onondaga
Mailing Address (Street): Hancock International Airport
Mailing Address (City): Syracuse State: New York Zip Code: 13211
Outfall No. 001 at Latitude 43° 06' 00" & Longitude 76° 08' 30"
into receiving waters known as: Storm sewer tributary to Bear Trap Creek Class C(T)
and: (list other Outfalls, Receiving Waters & Water Classification)

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit.

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal as prescribed by Sections 7-0893 and 17-0804 of the Environmental Conservation Law and Parts 621, 752, and 755 of the Department's rules and regulations.

Deputy

PERMIT ADMINISTRATOR

Robert A. Torba

DATE ISSUED

1/22/83

ADDRESS

7481 Henry Clay Blvd.
Liverpool, NY 13083

Distribution

SIGNATURE

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning EDP
and lasting until
the discharges from the permitted facility shall be limited and monitored by the
permittee as specified below:

<u>Outfall Number & Effluent Parameter</u>	<u>Discharge Limitations</u>		<u>Units</u>	<u>Monitoring Reqm'ts.</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
Outfall 001					
Flow (Monitoring Requirement Only)			GPD	Monthly	Instantaneous
Oil and Grease		15	mg/l	Monthly	Grab**
pH (Range) 6.5 - 8.5			SU	Monthly	Grab

One, two, or three samples may be collected and analyzed per sampling event. The samples
will be grab samples obtained at 15 minute intervals with the primary sample collected during
the first 15 minutes of discharge. If more than one grab sample is collected and analyzed
per sampling event, the number reported will be the arithmetic average of the separate
analysis.

PROHIBITIONS: No waters or wastewater generated at locations other than at this facility
are to be treated at the facility.

No industrial or manufacturing process wastewater effluents are permitted,
including wastewaters resulting from vehicle maintenance or washing
operations.

The permit application must list all the corrosion/scale inhibitors or
biocidal-type compounds used by the permittee. If use of new boiler/cooling
water additives is intended, application must be made prior to use.

ACTION LEVEL REQUIREMENTS

The parameters listed below have been reported present in the discharge but at levels that currently do not require water-quality or technology-based limits. Action levels have been established which if exceeded will result in reconsideration of Water Quality and technology based limits.

Routine action levels monitoring results, if not provided for on the Discharge Monitoring Report (DMR) form, shall be appended to the DMR for the period during which the sampling was conducted.

If any of the action levels is exceeded, the permittee shall undertake a short-term, high-intensity monitoring program for this parameter. Samples identical to those required for routine monitoring purposes shall be taken on each of at least three operating days and analyzed. Results shall be expressed in terms of both concentration and mass, and shall be submitted no later than the end of the third month following the month when the action level was first exceeded. Results may be appended to a DMR or transmitted under separate cover to the same addresses. If levels higher than the action levels are confirmed, the results shall constitute a revised application and the permit shall be reopened for consideration of revised action levels or effluent limits.

The permittee is not authorized to discharge any of the listed parameters at levels which may cause or contribute to a violation of water quality standards.

MINIMUM
MONITORING REQTS.

<u>OUTFALL NUMBER & EFFLUENT PARAMETER</u>	<u>ACTION LEVEL</u>	<u>UNITS</u>	<u>MEASUREMENT FREQUENCY</u>	<u>SAMPLE TYPE</u>
01 Benzene	*	mg/l	Annually	Grab
Toluene	*	mg/l	Annually	Grab
Xylene	*	mg/l	Annually	Grab

The total of these three parameters shall not exceed 0.1 mg/l.

See: Mail Action Level parameter results to:

Department of Environmental Conservation
Regional Water Engineer
7431 Henry Clay Blvd.,
Liverpool, New York 13090

Definition of Daily Average and Daily Maximum

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below:
(Show locations of outfalls with sketch or flow diagram as appropriate).

MONITORING, RECORDING, AND REPORTING

- a) The permittee shall also refer to the General Conditions (Part II) of this permit for additional information concerning monitoring and reporting requirements and conditions.
- b) The monitoring information required by this permit shall be:
 - ☒ Summarized, signed and retained for a period of three years from the date of sampling for subsequent inspection by the Department or its designated agent. Effluent limitation parameters only.
 - ☐ Summarized and reported by submitting completed and signed Discharge Monitoring Report forms once every _____ month(s) to the locations specified below. Blank forms available at department offices listed below. The first report will be due no later than _____ Thereafter, reports shall be submitted no later than the 28th of the following month(s): _____

Department of Environmental Conservation
Regional Water Engineer

Department of Environmental Conservation
Water Division
50 Wolf Road,
Albany, New York 12233

☐ (Applicable only if checked)

_____, Chief
Permit Administration Branch
Planning & Management Division
USEPA Region II, 26 Federal Plaza
New York, New York 10278

- c) If so directed, Monthly Wastewater Treatment Plant Operator's Reports should be submitted to the Regional Engineer and County Health Department or County Environmental Control Agency specified above.
- d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
- e) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculations and recording of the data on the Discharge Monitoring Reports.
- f) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.
- g) Unless otherwise specified, all information recorded on the Discharge Monitoring Report shall be based upon measurements and sampling carried out during the most recently completed reporting period.
- h) On or after April 1, 1984, any laboratory test or sample analysis required by this permit for which the State Commissioner of Health issues certificates of approval pursuant to section five hundred two of the Public Health Law shall be conducted by a laboratory which has been issued a certificate of approval. Inquires regarding laboratory certification should be sent to the Laboratory Certification/Quality Assurance Group, New York State Health Department Center for Laboratories and Research, Division of Environmental Sciences, The Nelson A. Rockefeller Empire State Plaza, Albany, New York 12201.

ATTACHMENT F

OIL/WATER SEPARATOR
EFFLUENT ANALYTICAL RESULTS



HUNTINGDON ANALYTICAL SERVICES

Division of **EMPIRE SOILS INVESTIGATIONS INC.**

PO Box 250 Middleport New York 14105

Tel: (716) 735-3400 FAX (716) 735-3653

Environmental Analytical Report For:

EMPIRE SOILS INVESTIGATIONS, INC. - GROTON

PROJECT NAME: U. S. AIR

HAS Ref. # 91-1422

September 25, 1991

HAS

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

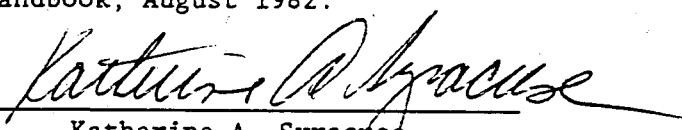
HAS Reference Numbers: #91-1422

September 25, 1991

Statement of Work Performed

I hereby declare that the work was performed under my supervision according to the procedures outlined by the following references and that this report provides a correct and faithful record of the results obtained.

- 40 CFR Part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act," October 26, 1984 (Federal Register) U. S. Environmental Protection Agency.
- U. S. Environmental Protection Agency, "Test Methods of Evaluating Solid Waste - Physical/Chemical Methods, " Office of Solid Waste and Emergency Response, SW-846, 2nd Edition and 3rd Edition.
- New York State Department of Health, Analytical Toxicology Laboratory Handbook, August 1982.


Katherine A. Syracuse
Lab Director, Environmental

REPORT CODE LEGEND:

<DL = Less than detection limit
ND = Not detected
NA = Not applicable
INP = Information not provided
MB = Method Blank

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD DOH 310-13
PETROLEUM PRODUCTS IN WATER

SAMPLE IDENTIFICATION : METHOD BLANK MW-2

HAS SAMPLE #91-1422- --- 001

DATE ANALYZED: 9-20-91 9-20-91

COMPOUND	RESULT ug/L	RESULT ug/L
GASOLINE -----	ND	ND
KEROSENE -----	<100	<100
FUEL OILS -----	<100	<100
LUBE OIL -----	ND	ND

ND = NONE DETECTED

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION :	METHOD BLANK	EFFLUENT	BLANK
HAS SAMPLE #91-1422-	----	002	003
DATE ANALYZED:	9-13-91	9-13-91	9-13-91
COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	1.6	<0.50
TOLUENE -----	<0.50	28	<0.50
ETHYL BENZENE -----	<0.50	11	<0.50
TOTAL XYLENES -----	<1.0	190	<1.0



HUNTINGDON ANALYTICAL SERVICES

Division of **EMPIRE SOILS INVESTIGATIONS INC.**

PO Box 250 Middleport New York 14105

Tel: (716) 735-3400 FAX (716) 735-3653

Environmental Analytical Report For:

EMPIRE SOILS INVESTIGATIONS, INC. - GROTON

PROJECT NAME: U. S. AIR

HAS Ref. # 91-1461

September 30, 1991



HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

HAS Reference Numbers: #91-1461

September 30, 1991

Statement of Work Performed

I hereby declare that the work was performed under my supervision according to the procedures outlined by the following references and that this report provides a correct and faithful record of the results obtained.

- 40 CFR Part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act," October 26, 1984 (Federal Register) U. S. Environmental Protection Agency.
- U. S. Environmental Protection Agency, "Test Methods of Evaluating Solid Waste - Physical/Chemical Methods, " Office of Solid Waste and Emergency Response, SW-846, 2nd Edition and 3rd Edition.
- New York State Department of Health, Analytical Toxicology Laboratory Handbook, August 1982.

Richard J. Roman, Ph.D.
Lab Director, Environmental

REPORT CODE LEGEND:

<DL = Less than detection limit
ND = Not detected
NA = Not applicable
INP = Information not provided
MB = Method Blank

HUNTINGDON ANALYTICAL SERVICES, INC.
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Sample Identification: INP

HAS Sample #91-1461-003,004

Date Sampled: 9/18/91

Analyte	EPA Method	Date Prepared	Date Analyzed	Method Detection Limit	Result	Units	QC in %
pn	150.1	----	9/19/91	0.10	6.94	S.U.	100*
Oil and Grease	413.1	9/20/91	9/20/91	1.0	1.2	mg/l	100*

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION : METHOD BLANK EFFLUENT BLANK

HAS SAMPLE #91-1461- ---- 001 002

DATE ANALYZED: 10-1-91 10-1-91 10-1-91

COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	3.0	<0.50
TOLUENE -----	<0.50	3.0	<0.50
ETHYL BENZENE -----	<0.50	5.0	<0.50
TOTAL XYLENES -----	<1.0	34	<1.0

BUCK ENVIRONMENTAL
LABORATORIES INC.

ACCREDITED ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH,
CORTLAND, N.Y. 13045

P.O. BOX 5150
607-753-3403

Report Date: 10/01/92

Lab Log Number: 9209189

LABORATORY REPORT

Client: EMPIRE SOILS INVESTIGATIONS

Site: U.S. Air

Project No: GTA-91-68

Sample Date: 9/18/92 by J. Storey, Received 9/21/92

Sample: Water - Effluent

RESULTS

EPA
Method

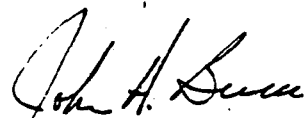
Oil & Grease

413.1

4.60 mg/L

Note: pH in field 9.1

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.



John H. Buck, P.E.
Laboratory Director

NYS ELAP CERT 10795

BUCK ENVIRONMENTAL
LABORATORIES INC.
ACCREDITED ENVIRONMENTAL ANALYSIS

3845 ROUTE 11 SOUTH,
CORTLAND, N.Y. 13045

P.O. BOX 5150
607-753-3403

NYS ELAP CERT 10795

LABORATORY REPORT

Client: EMPIRE SOILS INVESTIGATIONS

Site: U.S. Air
Project No: GTA-91-68

Sample: Water

Report Date: 9/25/92
Sampling Date: 9/18/92
Sampled By: J. Storey
Date Received: 9/21/92
Analysis Date: 9/21/92
Lab Log No: 9209189

BTEX (By EPA 602 and NYSDOH 310-19)

Sample ID & Dates	Benzene	Toluene	Ethyl Benzene	(m,p,o) Xylenes	Late Peaks
9/18/92					
Water	ND	ND	ND	ND	Y

All concentrations are reported as ug/L.

ND indicates that no amount greater than 1.0 ug/L was detected.

This analysis is certified as conforming to generally accepted laboratory practices and requirements of the New York State Health Department ELAP program.

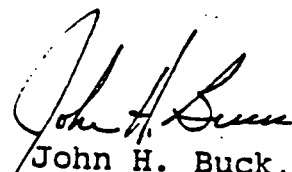

John H. Buck, P.E.
Laboratory Director

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
OIL-WATER SEPARATOR EFFLUENT
U.S. AIR
SYRACUSE, NEW YORK
PROJECT NO.: GTA-91-68

DATE	BTX EPA METHOD 602 (ug/l)	OIL AND GREASE EPA METHOD 413.1 (mg/l)	pH EPA METHOD 150.1 (S.U.)
07-18-91	*156.90	2.8	7.14
09-05-91	4.22	---	---
09-11-91	*219.60	---	---
09-18-91	34.00	1.2	6.94
10-21-91	16.00	3.7	6.69
11-22-91	47.00	ND	6.24
12-31-91	*138.70	5.5	6.10
01-23-92	79.50	3.4	6.20
02-19-92	ND	3.0	8.30
03-23-92	ND	2.8	7.50
09-28-92	ND	4.6	9.10

NOTES:

- All concentrations for EPA Method 602 are presented as the sum of benzene, toluene, and total xylenes (BTX).
- pH values recorded after 12/31/91 were determined in the field using a pH meter.
- ND - None detected.
- * - Value exceeds the NYSDEC State Pollutant Discharge System (SPDES) permit requirements of 100 ug/l for BTX.
- - No data available.

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER 91-1725

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105

NOVEMBER 1, 1991

HAS

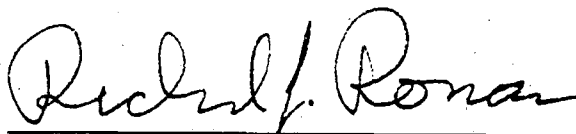
HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER 91-1725

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

- 40 CFR PART 136, "GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT", OCTOBER 26, 1984 (FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS, " OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.
- NEW YORK STATE DEPARTMENT OF HEALTH, ANALYTICAL TOXICOLOGY LABORATORY HANDBOOK, AUGUST 1982.



RICHARD J. RONAN, PH.D.
LABORATORY DIRECTOR, ENVIRONMENTAL

REPORT CODE LEGEND:

< DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
NA = NOT APPLICABLE
INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

HAS

HUNTINGDON ANALYTICAL SERVICES, INC.
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Sample Identification: EFF

HAS Sample #91-1725-002.003

Date Sampled: 10/24/91

Analyte	EPA Method	Date		Method (Detection)	Result	Units	QC in %
		Prepared	Analyzed				
OH	150.1	----	10/25/91	0.10	6.69	S.U.	100%
Oil and Grease	413.1	10/28/91	10/28/91	1.0	5.7	mg/l	98%

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION :	METHOD BLANK	EFFLUENT	BLANK
HAS SAMPLE #91-1725	----	001A	001C
DATE ANALYZED:	10-29-91	10-30-91	10-30-91
COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	<2.5	<0.50
TOLUENE -----	<0.50	<2.5	<0.50
ETHYL BENZENE -----	<0.50	3.7	<0.50
TOTAL XYLENES -----	<1.0	16	<1.0

HUNTINGDON ANALYTICAL SERVICES - CHAIN-OF-CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Page 01 of 01

Client Name Empire Soils Client Contact Karen Sette HAS Quote #

Address 100 CORONA AVE. Phone 602-858-0881 P.O. #

Project No.: 91-68A Project/Site Name: U.S. Air Oil Water Separator Container Size & Type

Sample (Signature): [Signature] HAS Ref. # 725 Container ID

Sample EFFluent Date/Time 10/30 Sample Location Oil Water Sep Sample HAS

Blank Date/Time Sample Location ABC Sample HAS

EFF Date/Time Sample Location Oil Water Sep Sample HAS

EFF Date/Time Sample Location Oil Water Sep Sample HAS

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EFF Date/Time Sample Location Oil Water Sep Sample HAS

Analyte Requested/
Remarks

EPA 602 BTEX

EPA 602 BTEX

Oil and Grease

PH

Extra Sample Jar

Included in case of

Breakage

Relinquished by: [Signature] Date/Time: 10/30/91 Received by: Date/Time:

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received by: Date/Time:



ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER 91-1896

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U. S. AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105

DECEMBER 11, 1991



HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER 91-1896

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION
ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT
THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

- 40 CFR PART 136, "GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE
ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT", OCTOBER 26, 1984
(FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING
SOLID WASTE - PHYSICAL/CHEMICAL METHODS, " OFFICE OF SOLID WASTE AND
EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.
- NEW YORK STATE DEPARTMENT OF HEALTH, ANALYTICAL TOXICOLOGY
LABORATORY HANDBOOK, AUGUST 1982.

RICHARD J. RONAN, PH.D.
LABORATORY DIRECTOR, ENVIRONMENTAL

REPORT CODE LEGEND:

<DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
NA = NOT APPLICABLE
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MB = METHOD BLANK

HUNTINGDON ANALYTICAL SERVICES, INC.
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Sample Identification: EFF

HAS Sample #91-1890-001

Date Sampled: 11/22/91

Analyte	EPA Method	Date Prepared	Date Analyzed	Method Detection Limit	Result	Units	QC in %
om	150.1	----	11/27/91	0.10	6.24	S.U.	# 95**
Oil and Grease	413.1	11/27/91	11/27/91	1.0	<1.0	mg/l	94+

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

** This indicates that a 95 % confidence limit was achieved with an EPA Quality Control Check analyzed with this sample.

Sample received for analysis after recommended holding time.

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION :	METHOD BLANK	EFFLUENT	BLANK
HAS SAMPLE #91-1896-	----	001A	001C
DATE ANALYZED:	12-6-91	12-6-91	12-6-91
COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	<5.0	<0.50
TOLUENE -----	<0.50	<5.0	<0.50
ETHYL BENZENE -----	<0.50	<5.0	<0.50
TOTAL XYLENES -----	<1.0	47	<1.0

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER 92-020

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S AIR/GTA-91-68A

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105

JANUARY 16, 1992

HAS

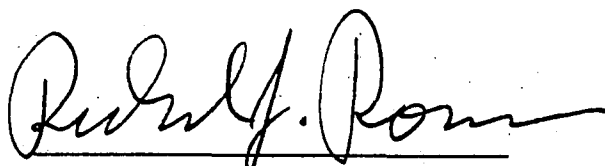
HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER 92-020

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

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- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS, " OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.
- NEW YORK STATE DEPARTMENT OF HEALTH, ANALYTICAL TOXICOLOGY LABORATORY HANDBOOK, AUGUST 1982.



RICHARD J. RONAN, PH.D.
LABORATORY DIRECTOR, ENVIRONMENTAL

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HAS

HUNTINGDON ANALYTICAL SERVICES, INC.
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Sample Identification: ZFF

HAS Sample #92-020-001

Date Sampled: 12/31/91

Analyte	EPA Method	Date Prepared	Date Analyzed	Method Detection Limit	Result	Units	QC in %
pH	150.1	----	1/7/92	0.10	6.10	S.U.	<1*** #.95**
Oil and Grease	413.1	1/8/92	1/8/92	1.0	5.5	mg/l	99+

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

** This indicates that a 95 % confidence limit was achieved with an EPA Quality Control Check analyzed with this sample.

*** This sample was analyzed in duplicate with the RPD indicated above.

Sample received for analysis after recommended holding time.

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION :	METHOD BLANK	BLANK	EFFLUENT
HAS SAMPLE #92-020-	----	001	002
DATE ANALYZED:	1-9-92	1-9-92	1-9-92
COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	<0.50	9.7
TOLUENE -----	<0.50	<0.50	34
ETHYL BENZENE -----	<0.50	<0.50	8.4
TOTAL XYLENES -----	<1.0	<1.0	95

Client Name Empire Soils
105 Corona Ave
Gettysburg NY 13073

Client Contact Karen Seitz
607-898-5881
 Phone

HAS Quote #

P.O. #

Project No.: GTA-91-68A Project/Site Name: U.S. Air

Signature: [Signature] HAS Ref # 9942

Sample # 020

Date/Time Comp. Grab Location Seq. #

Container Size & Type

500ml
500ml
1 liter

Analysis Requested/
Remarks

Effluent	12/31/91	1:30	X	W2	X	EPA 602/BTEX
Effluent	12/31/91	1:30	X	W1	X	EPA 150.1/pH
Effluent	12/31/91	1:30	X	W1	X	EPA 413.1/0.1+grease
BLANK				W1	X	EPA 602/BTEX

Table 10A

Please rush - 2 week turnaround if possible @ no extra charge.
 Thanks, Karen

Relinquished by: [Signature] Date/Time: 1/6/92 15:00 Received by: [Signature] Date/Time: 1/10/92

Relinquished by: [Signature] Date/Time: 1/10/92 Received by: [Signature] Date/Time: 1/10/92

Relinquished by: [Signature] Date/Time: 1/10/92 Received by: [Signature] Date/Time: 1/10/92

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER 92-127

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U. S. AIR (GTA-91-68A)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105

JANUARY 30, 1992



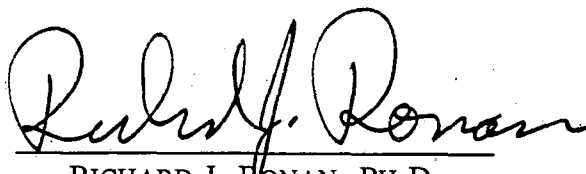
HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER 92-127

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

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- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS, " OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.
- NEW YORK STATE DEPARTMENT OF HEALTH, ANALYTICAL TOXICOLOGY LABORATORY HANDBOOK, AUGUST 1982.



RICHARD J. RONAN, PH.D.
LABORATORY DIRECTOR, ENVIRONMENTAL

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HAS

HUNTINGDON ANALYTICAL SERVICES, INC.
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Sample Identification: EFFLUENT

HAS Sample #92-127-001

Date Sampled: 1/23/92

Analyte	EPA Method	Date		Method		Result	Units	QC in %
		Prepared	Analyzed	Detection	Limit			
Oil and Grease	413.1	1/29/92	1/29/92		1.0	3.4	mg/l	100*

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION : METHOD BLANK EFFLUENT BLANK

HAS SAMPLE #92-127- ---- 001A 001C

DATE ANALYZED: 1-27-92 1-27-92 1-27-92

COMPOUND	RESULT ug/l	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	4.5	<0.50
TOLUENE -----	<0.50	13	<0.50
ETHYL BENZENE -----	<0.50	4.0	<0.50
TOTAL XYLENES -----	<1.0	62	<1.0

Client Contact Karen Seitz
Phone 607-898-5881

HAS QUOTE #

Phone 607-898-5881 P.O. #

# of Containers	Container size & type
50 ml	500 ml

Analysis Requested/ Remarks

[illegible]

HUNTINGDON ANALYTICAL SERVICES
DISCREPANCY/DEFICIENCY REPORT FORM

TO: Laboratory Manager

FROM:

D.C. Bass

DATE:

1/24/92

RE:

Sample I.D. No. 92-127-001 B
Batch No. 001 B

EXPLANATION:

Second UOA - Label dated 1-22-92
chain of custody listed date
as 1-23-92

cc: Client report file

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER 92-298

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: US AIR/GTA-91-68A

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105

FEBRUARY 28, 1992

HAS

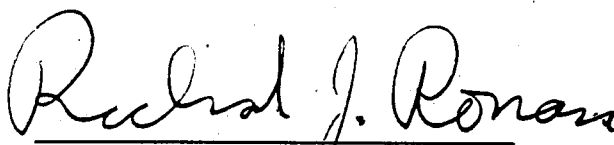
HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER 92-298

STATEMENT OF WORK PERFORMED

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RICHARD J. RONAN, PH.D.
LABORATORY DIRECTOR, ENVIRONMENTAL

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HAS

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Analyte: Oil and Grease

EPA Method No.: 413.1

Sample Date	HAS Sample #92-	Client I.D.	Date Prepared	Date Analyzed	Result	Units	QC in %
INP	298-001	Effluent	2/25/92	2/25/92	3.0	mg/l	92*

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION : METHOD BLANK EFFLUENT

HAS SAMPLE #92-298- ---- 001

DATE ANALYZED: 2-25-92 2-25-92

COMPOUND	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	<0.50
TOLUENE -----	<0.50	<0.50
ETHYL BENZENE -----	<0.50	<0.50
TOTAL XYLENES -----	<1.0	<1.0

Project No.:	Project/Site Name:	M	A	T	R	I	# of Containers	Container Size & Type	Analysis Requested/ Remarks
GTA-91-68A	U.S.A.C.							50 37 114	
Samplers (Signature):	HAS Ref. #9492								
	278								
Sample	Sample								

I.D.	Date	Time	Comp.	Grab Location	Seq. #	K
Effluent			X		001 W 2	X
						EPA 602/BTEX
Effluent			X		002 W 1	X
						EPA 413-1 / O ₂ and Grease

[illegible][illegible][illegible][illegible][illegible]

Relinquished by:	Date/ Time:	Received by:	Date/ Time:
Relinquished by:	Date/ Time:	Received by:	Date/ Time:
Relinquished by:	Date/ Time:	Received for Lab by:	Date/ Time: Remarks:
			22/02/10:39

[illegible]

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER 92-478

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: GTA-91-68A; U.S. AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105

APRIL 2, 1992

PAGE 1

HAS

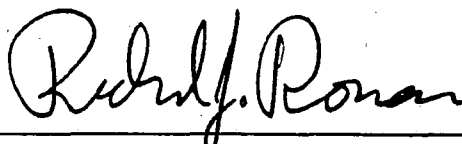
HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER 92-478

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION
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- NEW YORK STATE DEPARTMENT OF HEALTH, ANALYTICAL TOXICOLOGY
LABORATORY HANDBOOK, AUGUST 1982.



RICHARD J. RONAN, PH.D. APRIL 2, 1992
LABORATORY DIRECTOR, ENVIRONMENTAL

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MB = METHOD BLANK

HAS

HUNTINGDON ANALYTICAL SERVICES
ENVIRONMENTAL

Inorganic Wet Chemical Analyses

Analyte: Oil and Grease

EPA Method No.: 413.1

Sample Date	HAS Sample #92-	Client 1.D.	Date Prepared	Date Analyzed	Result	Units	QC in %
3/23/92	478-001	Effluent	3/25/92	3/25/92	2.8	mg/l	93*

* A known standard of the analyte of interest was analyzed along with this sample with the percent recovery indicated above.

HUNTINGDON ANALYTICAL SERVICES

ENVIRONMENTAL

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION	METHOD BLANK	EFFLUENT
-----------------------	-----------------	----------

HAS SAMPLE #92-478-	----	001
---------------------	------	-----

COMPOUND	RESULT ug/l	RESULT ug/l
BENZENE -----	<0.50	<0.50
TOLUENE -----	<0.50	<0.50
ETHYL BENZENE -----	<0.50	<0.50
TOTAL XYLENES -----	<1.0	<1.0

DATE SAMPLED:	----	3-23-92
DATE RECEIVED:	----	3-24-92
DATE EXTRACTED:	3-26-92	3-26-92
DATE ANALYZED:	3-26-92	3-26-92

MUNINGDOM ANALYTICAL SERVICES - CHAIN-OF-CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Client Name Empire Soils Client Contact Karen Seitz HAS Quote #
105 Corona Av Address Groton, NY 13073 Phone 607-898-5881 P.O. #

Project No. 91-68A Project/Site Name: OS AIC Container Size & Type 1 liter
 Samplers (Signature): [Signature] HAS Ref. # 478 Containers 1 of 1

Analysis Requested/
Remarks

Sample	Date	Time	Comp.	Grab Location	Seq. #	M	A	T	R	I	X	Analysis Requested/ Remarks
Effluent	3/23/92	10:30	X			001	W	2	X			BTEX/EPA 602
Effluent	3/23/92	10:30	X			N	W	1	X			Oil + Grease/EPA 413.1

Relinquished by: [Signature] Date/Time: 3-23-92 10:30 Received by: [Signature] Date/Time:
 Relinquished by: Date/Time: Received by: Date/Time:
 Relinquished by: Date/Time: Received by: Date/Time:

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-1025

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: GTA-93-43; U.S. AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

AUGUST 12, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER: 93-1025

STATEMENT OF WORK PERFORMED

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EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.

THIS REPORT CONTAINS ANALYTICAL DATA BASED ON OUR EXAMINATION OF THE
SAMPLE(S) PRESENTED TO US. THIS REPORT CONTAINS (EXCEPT WHERE EXPLICITLY
STATED) A COMPLETE ACCOUNT OF THE ANALYSES REQUESTED TO BE PERFORMED ON THE
SAMPLE(S). INFORMATION WHICH WAS NOT REQUESTED TO BE REPORTED IS NOT
INCLUDED.

 
BRYAN E. MASTIN AUGUST 12, 1993
ENVIRONMENTAL LABORATORY DIRECTOR

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Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

HAS SAMPLE #931025

OIL WATER
SEPARATOR

METHOD
BLANK

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

UNITS

pH-----

150.1

7/20/93

6.83

S.U.

OIL and GREASE-----

413.1

7/21/93

3.7

<1.0

mg/L

DATE SAMPLED:

7/19/93

CHAIN OF CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Client Name:

Address:

Contact:

Phone:

Project No.:

Project Site/Name:

Sampler's Signature:

1885-88-5881

602-858-4760 FAX

Quote #

P.O. #

Ref. No.: 93-1025

[illegible]

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-1266

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

SEPTEMBER 24, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT


REPORT NUMBER: 93-1266

STATEMENT OF WORK PERFORMED

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THIS REPORT CONTAINS ANALYTICAL DATA BASED ON OUR EXAMINATION OF THE SAMPLE(S) PRESENTED TO US. THIS REPORT CONTAINS (EXCEPT WHERE EXPLICITLY STATED) A COMPLETE ACCOUNT OF THE ANALYSES REQUESTED TO BE PERFORMED ON THE SAMPLE(S). INFORMATION WHICH WAS NOT REQUESTED TO BE REPORTED IS NOT INCLUDED.


BRYAN E. MASTIN SEPTEMBER 24, 1993
ENVIRONMENTAL LABORATORY DIRECTOR

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Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION:

OIL WATER

HAS SAMPLE #931266

01

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

UNITS

pH-----

150.1

9/3/93

7.14

S.U.

DATE SAMPLED:

9/2/93

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION: OILWATER METHOD
BLANK

HAS SAMPLE #931266

01

-

ANALYTE	RESULT ug/l	RESULT ug/l	MDL ug/l
BENZENE -----	<5.0	<0.50	0.50
TOLUENE -----	<5.0	<0.50	0.50
ETHYL BENZENE -----	<5.0	<0.50	0.50
M/P - XYLENES -----	19	<1.0	1.0
O - XYLENES -----	47	<0.50	0.50

DATE EXTRACTED:

9-10-93

9-10-93

DATE ANALYZED:

9-10-93

9-10-93

HUNTINGDON ANALYTICAL SERVICES

METHOD DOH 310-13
PETROLEUM PRODUCTS IN WATER

SAMPLE IDENTIFICATION	Oil Water	METHOD BLANK	
HAS SAMPLE #931266	01	--	
ANALYTE	RESULT ug/L	RESULT ug/L	MDL ug/L
GASOLINE-----	ND	ND	ND
KEROSENE-----	2,200*	<100	100
FUEL OILS-----	<100	<100	100
LUBE OIL-----	ND	ND	ND
DATE EXTRACTED:	9-16-93	9-16-93	
DATE ANALYZED:	9-23-93	9-22-93	

ND=NONE DETECTED

* Extremely weathered pattern.

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-1403

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

OCTOBER 12, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT


REPORT NUMBER: 93-1403

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

- 40 CFR PART 136, "GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT", OCTOBER 26, 1984 (FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS", OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.

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BRYAN E. MASTIN OCTOBER 12, 1993
ENVIRONMENTAL LABORATORY DIRECTOR

REPORT CODE LEGEND:

<DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
NA = NOT APPLICABLE
INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

239

METHOD
BLANK

HAS SAMPLE #931403

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

pH-----

150.1

9/30/93

6.30 S.U.

OIL and GREASE-----

413.1

10/8/93

11 mg/L

<1.0 mg/L

DATE SAMPLED:

9/29/93

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:

OIL WATER

METHOD
BLANK

HAS SAMPLE #931403

01

-

ANALYTE

RESULT
ug/l

RESULT
ug/l

MDL
ug/l

BENZENE -----

13

<0.50

0.50

TOLUENE -----

48

<0.50

0.50

ETHYL BENZENE -----

13

<0.50

0.50

M/P - XYLENES -----

61

<1.0

1.0

O - XYLENES -----

62

<0.50

0.50

DATE EXTRACTED:

10-1-93

10-1-93

DATE ANALYZED:

10-1-93

10-1-93

OCT-

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-1516

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR (GT-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

NOVEMBER 8, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

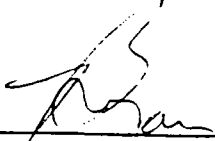
REPORT NUMBER: 93-1516

STATEMENT OF WORK PERFORMED

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BRYAN E. MASTIN


NOVEMBER 8, 1993

MANAGER, ENVIRONMENTAL SERVICES

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Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION:

OIL/WATER

HAS SAMPLE #931516

01

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

pH.....

150.1

10/21/93

7.11 S.U.

DATE SAMPLED:

10/20/93

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:	Oil/Water	METHOD BLANK	
HAS SAMPLE #931516	01	-	
ANALYTE	RESULT ug/l	RESULT ug/l	MDL ug/l
BENZENE _____	0.75	<0.50	0.50
TOLUENE _____	16	<0.50	0.50
ETHYL BENZENE _____	3.1	<0.50	0.50
M/P - XYLENES _____	45	<1.0	1.0
O - XYLENES _____	53	<0.50	0.50
DATE EXTRACTED:	10-25-93	10-25-93	
DATE ANALYZED:	10-25-93	10-25-93	

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:	OILWATER	METHOD BLANK	
HAS SAMPLE #931716	01	-	
ANALYTE	RESULT ug/l	RESULT ug/l	MDL ug/l
BENZENE _____	1.3	<0.50	0.50
TOLUENE _____	10.4	<0.50	0.50
ETHYL BENZENE _____	6.8	<0.50	0.50
M/P - XYLENES _____	51	<1.0	1.0
O - XYLENES _____	45	<0.50	0.50
DATE EXTRACTED:	11-22-93	11-22-93	
DATE ANALYZED:	11-22-93	11-22-93	

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION

OIL WATER

METHOD
BLANK

SAMPLE #931716

01

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

pH.....

150.1

11/22/93

5.57 S.U.

....

2 OIL and GREASE.....

413.1

11/30/93

5.2 mg/L

<1.0 mg/L

DATE SAMPLED:

11/19/93

....

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-1716

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. Box 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

DECEMBER 13, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER: 93-1716

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

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BRYAN E. MASTIN DECEMBER 13, 1993
MANAGER, ENVIRONMENTAL SERVICES

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INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION:

HAS SAMPLE #931716

OIL WATER

METHOD
BLANK

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

150.1

11/22/93

5.57 S.U.

IL and GREASE-----

413.1

11/30/93

5.2 mg/L

<1.0 mg/L

DATE SAMPLED:

11/19/93

METHOD 602
PURGEABLE AROMATICS

OILWATER	METHOD BLANK
----------	-----------------

01

BENZENE	1.3	<0.50	0.50
TOLUENE	10.4	<0.50	0.50
ETHYL BENZENE	6.8	<0.50	0.50
M/P - XYLENES	51	<1.0	1.0
O - XYLENES	45	<0.50	0.50

DATE EXTRACTED:	11-22-93	11-22-93
DATE ANALYZED:	11-22-93	11-22-93

Huntingdon

Q

Empire Soils Investigations, Inc.

105 Corona Avenue
Broton, New York 13073

PAGE OF

Client Name:

31010-10-10

Client Contact:

10618

Client Contact: 57202

Phone: 607-858-5881

HAS Quote #

P.O. #

[illegible]

C:\QPRO\COC.

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-0565

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: GTA-93-43; U.S. AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

APRIL 23, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

OIL/WATER

METHOD
BLANK

HAS SAMPLE #930565

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT
mg/L

pH-----

150.1

4/20/93

7.69 S.U.

OIL and GREASE-----

413.1

4/21/93

16 mg/L

<1.0

DATE SAMPLED:

4/16/93

HUNTINGDON ANALYTICAL SERVICES

METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:	OIL/WATER	BLANK	METHOD BLANK	
HAS SAMPLE #930565	01	02	-	
ANALYTE	RESULT ug/l	RESULT ug/l	RESULT ug/l	MDL ug/l
BENZENE -----	16	<0.50	<0.50	<0.50
TOLUENE -----	31	3.3	<0.50	<0.50
ETHYL BENZENE -----	<0.50	<0.50	<0.50	<0.50
TOTAL XYLENES -----	140	<1.0	<1.0	<1.0
DATE EXTRACTED:	4-21-93	4-21-93	4-21-93	
DATE ANALYZED:	4-21-93	4-21-93	4-21-93	

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-0693

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: GTA-93-44; U.S.AIR

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. BOX 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

MAY 18, 1993

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT


REPORT NUMBER: 93-0693

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

- 40 CFR PART 136, "GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT", OCTOBER 26, 1984 (FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
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ANDREW P. CLIFTON MAY 18, 1993
ENVIRONMENTAL LABORATORY DIRECTOR

REPORT CODE LEGEND:

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MB = METHOD BLANK

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

HAS SAMPLE #930693

OIL/WATER

METHOD
BLANK

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT
mg/L

pH-----

150.1

5/11/93

6.39 S.U.

OIL and GREASE-----

413.1

5/12/93

37 mg/L

<1,0

DATE SAMPLED:

5/6/93

HUNTINGDON ANALYTICAL SERVICES CHAIN OF CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Client Name: Empire Soils
Address: 1005 Broad Ave.
Gretna, N.Y. 13073
Contact: Steve
Phone: 602-858-5881

Project No.: GTA-93-44

Project Site/Name: U.S. Air

Sampler's Signature: John Z. [Signature]

HAS Quote # _____
P.O. # _____
HAS Ref. No.: 93-0693

[illegible]

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

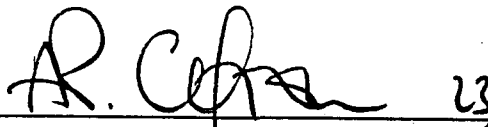
REPORT NUMBER: 93-0684

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION
ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT
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(FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
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INCLUDED.



ANDREW P. CLIFTON JUNE 22, 1993
ENVIRONMENTAL LABORATORY DIRECTOR

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MB = METHOD BLANK

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

OIL WATER

METHOD
BLANK

HAS SAMPLE #930684

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT
mg/L

pH-----

150.1

5/7/93

6.25 S.U.

OIL and GREASE-----

413.1

5/12/93

9.9 mg/L

<1.0

DATE SAMPLED:

5/5/93

EMPIRE SOILS INVESTIGATIONS, INC.

HUNTINGDON ANALYTICAL SERVICES

CHAIN OF CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Page 1 of 1

Client Name: Empire Soils Project No.: GTA-83-43 HAS Quote # _____
 Address: 1007 Corona Ave. Project Site/Name: U.S. AIR P.O. # _____
 Contact: George Zelenka Sampler's Signature: [Signature] HAS Ref. No.: 93-0684
 Phone: 602-888-5881 (4760)

Sample I.D.	Date	Time	Comp or Grab	Sample Location	HAS Seq. #	Matrix	No. of Cont.	Container Size & Type				Analysis Requested/Remarks
								2 1/2 gal	1 1/2 gal	1 1/2 gal	1 1/2 gal	
Oil Water	5-5-83	1130	G	Oil Water Separator	01	H ₂ O	4	2	1	1		EPA 602 (Grease) Oil & Grease, PH
MW-1	5-5-83	1245	G	MW-1	02	H ₂ O	3	2	1			EPA 602, TPH 310.13
MW-2	5-5-83	1300	G	MW-2	03	H ₂ O	3	2	1			602, TPH 310.13
MW-3	5-5-83	1310	G	MW-3	04	H ₂ O	3	2	1			602, TPH 310.13
MW-4	5-5-83	1315	G	MW-4	05	H ₂ O	3	2	1			602, TPH 310.13
Blank	5-5-83	-	-	-	06		2	1	1			602, TPH 310.13

Relinquished by: <u>[Signature]</u>	Date/Time: <u>5-6-83 / 1200</u>	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received for Lab by: <u>[Signature]</u>	Date/Time: <u>5-7-83 1:40</u>
		Remarks:	

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 93-1897

PREPARED FOR:

EMPIRE SOILS INVESTIGATIONS, INC.
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: U.S. AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. Box 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

JANUARY 26, 1994

PAGE 1

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER: 93-1897

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

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Douglas F. Gillard 1-26-94
DOUGLAS F. GILLARD JANUARY 26, 1994
MANAGER, ENVIRONMENTAL SERVICES

REPORT CODE LEGEND:

<DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
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INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

Huntingdon
Analytical Laboratory

Analytical Services Division

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION:

HAS SAMPLE #931897

OIL WATER

METHOD
BLANK

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

pH-----

150.1

12/22/93

7.51 S.U.

OIL and GREASE-----

413.1

01/03/94

2.3 mg/L

<1.0 mg/L

DATE SAMPLED:

12/17/93

HUNTINGDON ANALYTICAL SERVICES

EPA METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:

OIL WATER

METHOD
BLANK

HAS SAMPLE #931897

01

--

ANALYTE

RESULT
ug/L

RESULT
ug/L

MDL
ug/L

BENZENE _____

<0.50

<0.50

0.50

TOLUENE _____

<0.50

<0.50

0.50

ETHYLBENZENE _____

<0.50

<0.50

0.50

m/p-XYLENE _____

<1.0

<1.0

1.0

o-XYLENE _____

<0.50

<0.50

0.50

DATE ANALYZED:

12-23-93

12-23-93

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 94-0646

PREPARED FOR:

HUNTINGDON ENGINEERING & ENVIRONMENTAL
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: US AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
DIVISION OF EMPIRE SOILS INVESTIGATIONS, INC.
P.O. Box 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

MAY 12, 1994

PAGE 1

Huntingdon

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER: 94-0646

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

- 40 CFR PART 136, "GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT", OCTOBER 26, 1984 (FEDERAL REGISTER) U. S. ENVIRONMENTAL PROTECTION AGENCY.
- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS", OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.

THIS REPORT CONTAINS ANALYTICAL DATA BASED ON OUR EXAMINATION OF THE SAMPLE(S) PRESENTED TO US. THIS REPORT CONTAINS (EXCEPT WHERE EXPLICITLY STATED) A COMPLETE ACCOUNT OF THE ANALYSES REQUESTED TO BE PERFORMED ON THE SAMPLE(S). INFORMATION WHICH WAS NOT REQUESTED TO BE REPORTED IS NOT INCLUDED.



PHILLIP A. KUYKENDALL
ENVIRONMENTAL LABORATORY DIRECTOR

REPORT CODE LEGEND:

<DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
NA = NOT APPLICABLE
INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

Huntingdon

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

HAS SAMPLE #940646

OIL-WATER

METHOD
BLANK

UNITS

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

pH-----

150.1

05/03/94

6.67

S.U.

OIL and GREASE-----

413.1

05/05/94

5.6

<1.0

mg/L

DATE SAMPLED:

04/28/94

HUNTINGDON ANALYTICAL SERVICES

EPA METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION : OIL-WATER METHOD
BLANK

HAS SAMPLE #940646

01

--

ANALYTE	RESULT ug/L	RESULT ug/L	MDL ug/L
BENZENE -----	1.8	<0.50	0.50
TOLUENE -----	24	<0.50	0.50
ETHYLBENZENE -----	7.5	<0.50	0.50
m/p-XYLENE -----	79	<1.0	1.0
o-XYLENE -----	73	<0.50	5.0

DATE ANALYZED:

5/4/94

5/4/94

Page 1 of 1

Project No.: STA 93 43
Project Site/Name: USAR
Sampler's Signature: [Signature]

HAS Ref. No.: 93-085344
94-0646

[illegible]

ENVIRONMENTAL ANALYTICAL REPORT

REPORT NUMBER: 94-0775

PREPARED FOR:

HUNTINGDON ENGINEERING & ENVIRONMENTAL
105 CORONA AVENUE
GROTON, NEW YORK 13073

RE: US AIR (GTA-93-43)

PREPARED BY:

HUNTINGDON ANALYTICAL SERVICES
P.O. Box 250
MIDDLEPORT, NEW YORK 14105
TELEPHONE: 716/735-3400; FAX: 716/735-3653

JUNE 10, 1994

Huntingdon

HUNTINGDON ANALYTICAL SERVICES
ELAP #10833
ENVIRONMENTAL REPORT

REPORT NUMBER: 94-0775

STATEMENT OF WORK PERFORMED

I HEREBY DECLARE THAT THE WORK WAS PERFORMED UNDER MY SUPERVISION ACCORDING TO THE PROCEDURES OUTLINED BY THE FOLLOWING REFERENCES AND THAT THIS REPORT PROVIDES A CORRECT AND FAITHFUL RECORD OF THE RESULTS OBTAINED.

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- U.S. ENVIRONMENTAL PROTECTION AGENCY, "TEST METHODS OF EVALUATING SOLID WASTE - PHYSICAL/CHEMICAL METHODS", OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE, SW-846, 2ND EDITION AND 3RD EDITION.

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PHILLIP A. KUYKENDALL

ENVIRONMENTAL LABORATORY MANAGER

REPORT CODE LEGEND:

<DL = LESS THAN DETECTION LIMIT
ND = NOT DETECTED
NA = NOT APPLICABLE
INP = INFORMATION NOT PROVIDED
MB = METHOD BLANK

Huntingdon

HUNTINGDON ANALYTICAL SERVICES

WET CHEMISTRY

SAMPLE IDENTIFICATION :

HAS SAMPLE #940775

OIL WATER

METHOD
BLANK

01

--

ANALYTE

EPA
METHOD

DATE
ANALYZED

RESULT

RESULT

UNITS

pH-----

150.1

05/26/94

7.38

S.U.

OIL and GREASE-----

413.1

06/01/94

3.1

<1.0

mg/L

DATE SAMPLED:

05/24/94

HUNTINGDON ANALYTICAL SERVICES

EPA METHOD 602
PURGEABLE AROMATICS

SAMPLE IDENTIFICATION:

OIL
WATER

METHOD
BLANK

HAS SAMPLE #940775

01

--

ANALYTE

RESULT
ug/L

RESULT
ug/L

DL
ug/L

BENZENE -----

<0.50

<0.50

0.50

TOLUENE -----

<0.50

<0.50

0.50

ETHYLBENZENE -----

<0.50

<0.50

0.50

m/p-XYLENE -----

<1.0

<1.0

1.0

o-XYLENE -----

<0.50

<0.50

0.50

DATE ANALYZED:

5-28-94

5-27-94

HUNTINGDON ANALYTICAL SERVICES - CHAIN-OF-CUSTODY RECORD AND ANALYTICAL REQUEST FORM

Citizen Name:

EST

Address: 105 Concord Ave
Boston, MA 02130

Client Contact:

3. 7. 22

HAS Quote #

P.O. #

Phone: 607-888-5881
758-7760665 (AX)

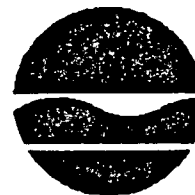
778-776065-Ax

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ATTACHMENT G
MAJOR PETROLEUM FACILITY LICENSE

New York State Department of Environmental Conservation
Region 7 Division of Spills Management
615 Erie Blvd. W., Syracuse, NY 13204-2400
(315) 426-7519



Langdon Marsh
Acting Commissioner

CERTIFIED MAIL
April 19, 1994

US Air Fuel Storage Facility
P.O. Box 216
Syracuse, NY 13211

ATTENTION: John Messenger

RE: MAJOR OIL STORAGE FACILITY LICENSE NO. 7-2220

Dear Owner/Operator:

Enclosed herein is your Major Petroleum Facility License #7-2220 which expires March 31, 1995. You must reapply 90 days before that date and comply with any new or modified conditions or guidelines to prevent, contain, cleanup and remove discharges of petroleum to surface and groundwater. Scheduled facility inspections will be made annually by Department representatives, as well as random inspections. Information regarding license fees will be sent by the Division of Fiscal Management, Oil Spill Revenue Unit.

The Department bases the issuance of this license upon an evaluation of the information contained in your application, on-site facility inspections and:

- ☒ evaluation of submitted state and federal plans to prevent, control, contain and remove discharges OR
- ☐ a schedule of when such plans are to be submitted.

The Department hereby certifies that this major facility currently:

- ☒ has implemented or ☐ is in the process of implementing state and federal plans and regulations for the prevention, control, containment and removal of discharges.
- ☒ has implemented or ☐ is in the process of implementing the requirements of 6 NYCRR Parts 613.2 through 613.9 and 614.2 through 614.14.

Included in your license are General, Standard and Special Conditions as deemed necessary to protect the waters of the State based upon evaluation of state and federal plans, compliance with 6 NYCRR Parts 613 and 614, environmental setting and/or facility inspections.

MOSF LICENSE NO. 7-2220

April 19, 1994

page 2

Future license renewals will be based on, among other factors, the history of spills and discharges at the major onshore facility, the history of compliance with the applicable provisions of 6 NYCRR Parts 613 and 614, a review of submitted plans inspections of the major onshore facility, compliance with license conditions and additional guidelines as subsequently issued.

please post this license conspicuously at the facility for which it is issued.

Sincerely,

Sincerely,

John J. Piston
Environmental Engineer

Enc: License Conditions

cc: Bureau of Source Control Registration Section

a: 2220.95

GENERAL CONDITIONS FOR MAJOR PETROLEUM FACILITY LICENSE

1. No chemical dispersants may be employed in the clean-up of a spill or discharge without approval. If a Spill Prevention and Containment Plan or spill clean-up plan contains a list of chemical or biological agents that are to be used in clean-up operations, the use of such chemicals is subject to prior approval from the Department.
2. The use of sorbents shall be limited to the cleanup of small spills and the final cleanup of large spills.
3. Disposal of all recovered petroleum products and oil-soaked debris shall be in accordance with 6 NYCRR Section 611.6.
4. The owner or operator shall maintain all equipment, including spill clean-up equipment, in good repair.
5. Major additions, changes or rehabilitation in the structures or equipment of the onshore major facility, which would materially affect the potential for a petroleum discharge must be approved in advance by the Department. Any amendments or changes to any plans submitted with or referred to in the license application shall be promptly furnished to the Regional Offices.
6. The Department shall be notified of all leaks or spills immediately, but in no case later than 2 hours after the spill. Notification must be made by calling the DEC Spill Hotline at (800) or (518) 457-7362.
7. Any person transporting and/or disposing of recovered oil and/or oily debris must be registered by the Department, as a "REGISTERED WASTE HAULER" pursuant to 6 NYCRR Part 364 and must transport the material to a disposal facility shown on the Part 364 registration.
8. License fees must be paid by the licensee as required by 17 NYCRR Section 30.9, "Oil Spill Prevention and Control, Licensing of Major Facilities".
9. The owner or operator of the facility shall provide access to the facility to representatives of the Department during normal business hours for the purpose of determining compliance with State and federal regulations and all general, standard and special conditions of this license.
10. Department Initiated Modifications, Suspensions or Revocations and Licensee Initiated Modifications:

Department Initiated Modifications, Suspensions or Revocations

- (a) The Department may modify, suspend or revoke this license

at any time based on the grounds including, but not limited to, the following:

- (1) materially false or inaccurate statements in the license application or supporting documentation;
 - (2) failure by the licensee to comply with any terms or conditions of the license;
 - (3) exceeding the scope of the project as described in the license application;
 - (4) failure to pay monthly license fees and/or submit monthly license reports;
 - (5) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing license; or
 - (6) noncompliance with previously issued license conditions, orders of the Commissioner, any provision of the Navigation Law or Environmental Conservation Law or the regulations adopted pursuant to such laws related to the licensed activity.
- (b) The Department shall send a notice of intent to modify, suspend or revoke a license to the licensee by mail or personal service. The notice shall state the alleged facts or conduct which appear to warrant the intended action.
- (c) Within 15 days of the date of such notice of intent, the licensee may submit a written statement to the Department, giving reasons why the permit should not be modified, suspended or revoked, or requesting a hearing, or both. Failure by the licensee to submit a timely statement shall result in the Department's action becoming effective on the date specified in the notice of intent.
- (d) Within 30 days of receipt of the licensee's statement, the Department shall either:
- (1) if a statement without a request for a hearing is submitted, rescind or confirm the notice of intent based on a review of the information provided by the licensee; or
 - (2) if a statement with a request for a hearing has been submitted, notify the licensee of a date and place for a hearing, to be commenced not later than 60 days from this notification.

- (e) In the event such a hearing is held, the Commissioner shall, within 30 days of receipt of the complete record, issue a decision which:
- (1) continues the license in effect as originally issued;
 - (2) modifies the license, or suspends it for a stated period of time or upon stated conditions; or
 - (3) revokes the license, including where ordered by the Commissioner, removal or modification of all or any portion of a project, whether completed or not.

Notice of the decision, stating the findings and reasons therefor, shall be mailed to the licensee.

- (f) Where the Department proposed to modify a license and the licensee requests a hearing on the proposed modification, the original license conditions remain in effect until there has been a decision issued by the Commissioner as provided herein. At such time the modified license conditions will take effect.
- (g) Nothing in these license conditions shall preclude or affect the Commissioner's authority to issue summary abatement orders under ECL 71-0301 or take emergency action summarily suspending a license under section 401(3) of the State Administrative Procedure Act.

Licensee Initiated Modifications

Applications for modification of a license must include a statement of necessity or reasons for the modification, as well as a description of the requested modification. The Department shall notify the licensee of its decision, by mail, within fifteen days of receipt of such application. An application for modification may be denied for failure to meet any of the standards or criteria applicable under the Navigation Law and regulations adopted thereunder, Article 8 of the Environmental Conservation Law or for any of the reasons set forth in paragraphs (a) (1) - (6) above.

The Department may determine that an application for modification shall be treated as a new application for a license if:

- (1) the application represents a material change in existing license conditions or in the scope of permitted activities; or
- (2) there is newly discovered material information or there has been a material change in environmental

conditions, relevant technology or applicable law or regulations since the issuance of the existing license;

Until the Department grants a request for modification requested by a licensee, the original license conditions remain in effect.

**MAJOR OIL STORAGE FACILITY LICENSE
SPECIAL CONDITIONS CHECK-LIST**

Instructions: If an "X" appears in the column labeled "Condition", the specified condition applies to the license issued to the facility. The details of each condition and compliance dates are included in the section titled, "MAJOR OIL STORAGE FACILITY SPECIAL LICENSE CONDITIONS (Instructions and Deadlines)."

<u>Condition</u>	<u>Section Number</u>	<u>Section Title</u>
<u>Installation of Monitoring Wells</u>		
_____	1(a)	Initial Installation of Monitoring Wells
_____	1(b)	Additional Monitoring Wells
<u>Sampling and Testing of Monitoring Wells</u>		
_____	2(a)	Initial Testing of Monitoring Wells
_____	2(b)	Six Month Testing of Monitoring Wells
<u> X </u>	2(c)	Yearly Testing of Monitoring Wells
<u> X </u>	2(d)	Monthly Monitoring of Wells
<u>Spill Prevention and Containment Plan</u>		
<u> X </u>	3(a)	P.E. Certification/Management Review of Plan
_____	3(b)	Description of Secondary Containment System
<u>* X </u>	3(c)	Testing of Secondary Containment System
_____	3(d)	Engineering Plan for Upgrading Secondary Containment System
_____	3(e)	Implementation of Engineering Plan
_____	3(f)	Site Map
_____	3(g)	Description of Previous Spills
<u> X </u>	3(h)	Compliance Report
_____	3(i)	Updated SPCC Plan and Facility Response Plan
<u>* X </u>	3(j)	Inspection Certification of Secondary Containment Systems

**MAJOR OIL STORAGE FACILITY LICENSE
ADDITIONAL SPECIAL CONDITIONS**

Condition Details/Compliance Dates

- X 4(a) Monthly inspections of aboveground tanks are not being documented in accordance with the requirements of 6NYCRR Part 613.6(a,c). This must be done starting not later than 5/31/94.
- X 4(b) Monitoring wells are not labeled in accordance with 6NYCRR Part 613.3(b)(4). Monitoring wells must be labeled not later than 5/31/94.
- X 4(c) Aboveground tanks are not marked with design and working capacities in accordance with 6NYCRR Part 613.3(c)(3)(ii). Tanks must be marked not later than 5/31/94.

**MAJOR OIL STORAGE FACILITY
SPECIAL LICENSE CONDITIONS
(Instructions and Deadlines)**

The Department of Environmental Conservation is required by Article 12 of the Navigation Law to protect and preserve the lands and waters of New York State from all discharges of petroleum from Major Oil Storage Facilities. To protect and preserve the waters of the State, owners/operators are required to show how they guard against contamination of surface and groundwater. Surface and groundwater protection at MOSFs is accomplished through the following:

1. installing groundwater monitoring wells;
2. monitoring groundwater quality; and
3. developing and implementing the Spill Prevention And Containment Plan, Section 610.4(a)(4).

The following sections detail how to meet each of the conditions marked on the special conditions checklist. Sections 1 through 3 correspond to the three elements of protecting the waters of the State. The section numbers on the checklist correspond to the following section numbers.

1. Installation of Monitoring Wells

Monitoring wells are needed to determine ambient groundwater quality and to detect possible groundwater contamination that could come from any portion of the facility. The number and location of wells must be approved by the Department. Plans of your existing and/or proposed wells must be submitted to the issuing DEC Regional Office by the indicated date. Subject to DEC approval, these monitoring wells must be installed by the date set by the Department.

a. Initial Installation of Monitoring Wells

Install at least one (1) well hydraulically upgradient of the facility and install at least three (3) wells hydraulically downgradient of the facility.

When adjacent facilities exist, monitoring wells should be placed on the property lines to determine the source of contamination. In this case, common monitoring wells will exist between facilities so the schedules for testing should be consistent.

Submit Plan by _____

Install Wells by _____

b. Additional Monitoring Wells

Installation of additional wells may be necessary based on site conditions, information obtained from existing wells, evidence of past spills, or evidence of a potential spill source. The number and location of all additional monitoring wells must be submitted on a site plan for approval by the regional office prior to installation.

Submit Plan by _____

Install Wells by _____

2. Sampling and Testing of Monitoring Wells

Owners/operators shall conduct a groundwater sampling and testing program to ensure protection of groundwater at the major oil storage facility. All sampling and testing must be conducted by a private or "out-of-house" laboratory which is certified by the NYS Department of Health. The laboratory must send the test results to both the facility and the DEC Regional Office. The facility operator may monitor for free product without the aid of an outside contractor.

TABLE 1
Recommended Testing Methods for Detecting Petroleum in Groundwater

TYPE OF PETROLEUM	TESTING METHODS
-------------------	-----------------

Gasoline	EPA 602, 624, 503.1
Aviation Gasoline	EPA 602, 624, 503.1
Kerosene	EPA 625
Diesel	EPA 625
#2 Fuel Oil	EPA 625
#4, #5, #6 Fuel Oil	EPA 625

EPA 602 (EPA 8020) tests for seven compounds, including benzene, ethylbenzene, toluene, and xylene (BETX) using GC/PID (gas chromatograph/photo-ionization detector) by P/T (purge and trap). This test is most effective in testing for volatile organic compounds found in gasoline.

EPA 624 (EPA 8040) test series covers a broader number of substances using GC/MS (gas chromatograph/mass spectrometer) by extraction. This test is most effective in testing for volatile organic compounds in gasoline and aviation gasoline.

EPA 625 (EPA 8270) test series covers a broader number of substances using GC/MS (gas chromatograph/mass spectrometer) by extraction. This test is useful for detecting semi-volatile organics found in kerosene, fuel oil, jet and diesel fuels. If gasoline and fuel oil are stored in the same area, both EPA 602 and EPA 625 may be used to determine if there is petroleum product present in the groundwater.

EPA 503.1 tests series was adapted by the New York State Department of Health to test drinking water. This series is applicable in the determination of 33 aromatic hydrocarbons using GC/PID (gas chromatograph/photo-ionization detector). This test is effective for detecting volatile organics found in light grade products, such as gasoline.

Additional analytical methods may be found in Chart 7-1, Section 7.0 of "Sampling Guidelines and Protocols," NYSDEC - Division of Water.

Prior to collecting a groundwater sample for analysis, a monitoring well must be purged. Purging of wells must consist of bailing 3 to 5 volumes of water present in the well prior to taking samples. If free product is found in any monitoring wells, the incident must be reported on the DEC Spill Hotline within two (2) hours. The owner/operator must perform the following testing and monitoring of wells, providing results and reports as scheduled.

a. Initial Testing of Monitoring Wells

All monitoring wells must have an initial testing to determine a baseline assessment of water quality, using appropriate methods discussed above.

Test Results to be submitted by _____

b. Six-Month Testing of Monitoring Wells

All monitoring wells must be re-tested six months after initial testing. This requires analytical testing as described in Section 2-a. Based on the results of the initial and six-month testing, the DEC regional office will establish a schedule for further sampling and testing.

Test Results to be submitted by _____

c. Annual Testing of Monitoring Wells

Annual testing of monitoring wells must be done between April 15 and May 15 of each year using the analytical tests that are described in Section 2, Table 1.

Test Results to be submitted annually by JULY 1

d. Monthly Monitoring of Wells

Routine monitoring for free product is to be done at least monthly using manual methods such as a bailer, product paste, electronic hydrocarbon probe, or other equivalent method. Results from the visual test are to be recorded and kept on file at the facility as part of the facility's monthly inspection. If free product is

found, the Department must be notified on the DEC Spill Hotline within two (2) hours. The Department may request that these monthly reports be submitted to the Regional Office.

Monthly Monitoring Well Report to be submitted as requested MAINTAIN FILE AT FACILITY

3. State Spill Prevention and Containment Plan

A State Spill Prevention and Containment Plan prepared in accordance with 6 NYCRR Section 610.4(a)(4) must be submitted to the Department prior to issuance of a license. The following are considered elements of a State Spill Prevention and Containment Plan:

1. Spill Prevention Control and Countermeasure Plan (SPCC Plan) written according to 40 CFR 112;
2. Operations Manual written according to 33 CFR 151, 154, 155 and 156;
3. Facility Response Plan written according to the Oil Pollution Act (OPA) of 1990;
4. Groundwater Contingency Plan written according to Special License Condition and Part 610.4(a)(4)(ii);
5. Site Plan written according to Special License Condition and Part 610.4(a)(4)(iii);
6. Description of Previous Spills written according to Special License Condition and Part 610.4(a)(4)(iv);
7. Compliance Report written according to Special License Condition and Part 610.5(a)(4);
8. Inspection Records for Secondary Containment pursuant to Section 613.6(c).

The following sections detail how to provide the elements of a State Spill Prevention and Containment Plan.

a. PE Certification/Management Review

A licensed professional engineer, preferably a New York State licensed P.E., must certify that the Plan has been prepared in accordance with good engineering practices. The Plan must be updated and recertified whenever any major additions, changes or rehabilitation occur(s), as defined in 6 NYCRR Section 610.5(c)(2). If no major changes occur, then the owner or operator must complete a review and evaluation of the Plan at least every three

years. The owner or operator must submit all recertification or management reviews to the Regional Office.

P.E. Certification/Management Review to be submitted by
5/31/94

b. Description of Secondary Containment System

Owners or operators of on-shore Major Oil Storage Facilities shall submit a description of the existing secondary containment system in detail, and explain how this system prevents a spill of petroleum from reaching the lands or waters outside the containment area before cleanup occurs.

Description to be submitted by _____

c. Testing of Secondary Containment System

The secondary containment system shall be tested according to the guidance provided in the Department's technical guidance memo, SPOTS 10. The Plan must contain a description of the procedures and methods used to inspect and test the effectiveness of the system along with the results of permeability tests and geological studies showing the groundwater flow direction, minimum travel time for the lightest product stored within the secondary containment area to contact the groundwater and a subsoil profile.

Tests to be performed in July or August, 1994. Results to be submitted to Regional Office by September 30, 1994.

d. Engineering Plan For Upgrading Secondary Containment System

If the secondary containment system does not meet the standards set forth in 6 NYCRR Section 613.3(6), then an engineering plan, certified by a licensed professional engineer, preferably a New York State licensed P.E., must be submitted to the DEC Regional Office describing how existing systems will be improved. This plan should include the composition and permeability of the existing soil; the methodology that will be used to upgrade the secondary containment system, such as a synthetic liner, the specifications of the material to be used, procedures on installation and the proposed permeability of the resulting containment system.

This plan must be submitted to and approved by the DEC regional office before construction is started.

Engineering Plan to be submitted by _____

e. Implementation of Engineering Plan

After the engineering plan to improve the secondary containment system has been reviewed and is acceptable to the Department, owner or operator will begin implementation of the proposed secondary containment system.

Construction to be completed by _____

f. Site Map

The Plan must contain a site map showing the location of all observation, monitoring, and recovery wells, location of tanks and their respective secondary containment areas, product transfer areas, and any spill clean-up equipment. This site plan must be drawn to scale.

Site Map to be submitted by _____

g. Description of Previous Spills

The Plan must contain a description of all spills, discharges and clean-up activities during the previous year. This description must include the cause, type and amount of product spilled and recovered, corrective action taken, clean-up effectiveness, long-term clean-up plans and plans for preventing the recurrence of such a spill or discharge.

Description to be submitted by _____

h. Compliance Report

The Plan must contain an assessment of compliance with 6 NYCRR Parts 610, 611, 612, 613 and 614, 17 NYCRR Parts 30 and 32, 40 CFR 112 and special conditions required under this license. This must include a status report and schedule for compliance. Guidance and reporting format is available from the regional offices.

Compliance Report to be submitted by 5/31/94

i. Updated SPCC Plan and Facility Response Plan which may be required by 40 CFR 112 and Oil Pollution Act of 1990

Facility Response Plans are required under the Oil Pollution Act (OPA) of 1990 for any on-shore facility that could reasonably be expected to discharge oil to navigable waters, adjoining shoreline or to the exclusive economic zone. These must contain plans for responding, to the maximum extent practical, to a worst-case discharge.

Any facility which must have a Facility Response Plan pursuant to OPA 1990 must file the plan and any subsequent amendments with the Department. Such plan must be filed concurrent with the filing with the President.

U.S. Environmental Protection Agency has proposed amendments to the rules for preparing SPCC Plans (40 CFR 112). Any amendments to the SPCC Plan required by future revisions to 40 CFR 112 or any other update or change what-so-ever must be filed with the Department.

Updated SPCC Plan and Facility Response Plan to be submitted by _____

j. Inspection Certification of Secondary Containment Systems

Secondary containment systems must be inspected and certified monthly that the secondary systems still meet the standards set forth in 6 NYCRR Section 613.3(c)6. Certification must identify any deficiency found during the inspection and any subsequent repairs rendered. See Section 613.6(a) and (c).

The Department will accept documented monthly inspections that are "visually performed" if these are performed in conjunction with in-depth integrity inspections performed on a frequency not to exceed five years, with such in-depth inspection conducted and certified by a licensed Professional Engineer. The Regional Office must be notified prior to any modifications and repairs to the secondary containment systems. The Regional Office will decide if additional information or plans are required.

In-depth Integrity Inspection to be performed during the month of July or August, 1994, and Certification to be submitted to the Regional Office by September 30, 1994, and thereafter every five years.

*** NOTE:** ITEMS 3(c) AND 3(j) ARE TO BE DONE IN CONJUNCTION WITH ONE ANOTHER.

GUIDELINES ON INSTALLATION OF MONITORING WELLS

The following is the Department's guidance on installation of monitoring wells at on-shore Major Oil Storage Facilities.

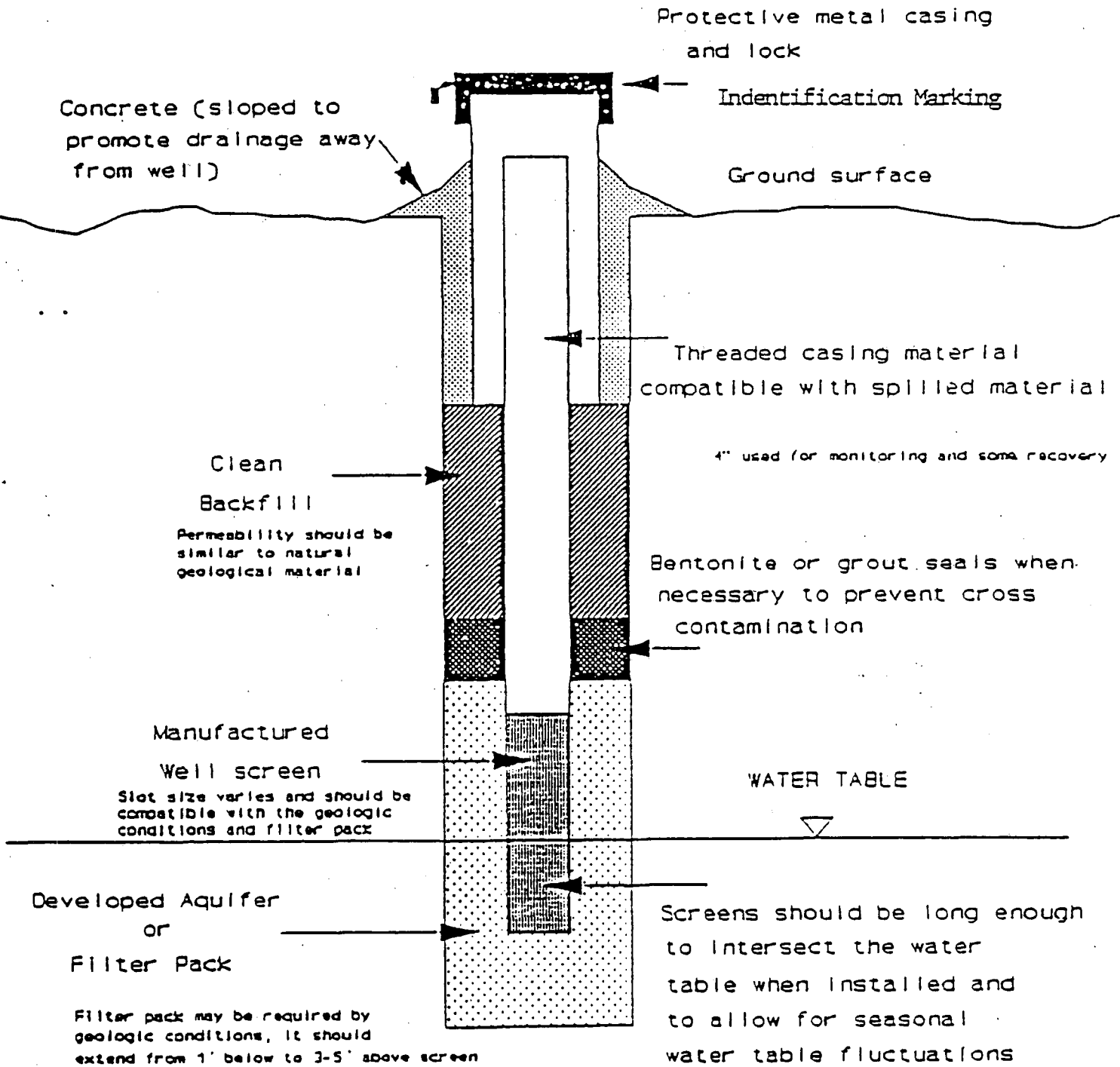
1. All wells must be four (4) inches in diameter.
2. A log must be kept for each boring that is made. Soil samples must be taken when the composition of the soil layer changes or at five (5) foot intervals, whichever comes first. A general description of the composition of the soil, as well as the depth that groundwater was first encountered, must be recorded.
3. Monitoring wells must be installed plum and straight.
4. Flush threaded joints, instead of glued joints, must be used to avoid contamination of the groundwater.
5. Well screens are to be machine slotted, and must be of adequate length and placement to accommodate seasonal variations in the water table.
6. Filter pack must be compatible with soil around the screened portion of the well and with the screen opening. The filter pack must extend approximately one foot below the screen and three to five feet above the screen.
7. The well must be sealed between the casing and the bore hole with an impermeable material, such as bentonite, to prevent contamination of the aquifer due to surface run off.
8. The well must be sufficiently developed to ensure that the well is free flowing and accurately represents the conditions of the groundwater table.
9. The tops of all wells must be enclosed by a protective metal casing that has a locking cap. All wells must be capped and locked at all times. In addition, the monitoring well should be assigned an arbitrary number, such as MW #1. This number should be marked on the monitoring well, as well as any site plans, to facilitate the coordination of the groundwater sampling program.
10. All well caps must be clearly marked "Monitoring Well".

All monitoring wells shall be installed outside of a secondary containment area. If it is impractical to install the monitoring wells outside of a containment area, a variance must be obtained from the Department. Monitoring wells that are installed inside the secondary containment area must have water tight well caps or be placed such that the top of the well is above the height of the dike wall. In addition, the well casing must be properly sealed to

prevent infiltration of petroleum in the event of a spill.

All monitoring wells must conform to the well specifications given in this section. The number and location of monitoring wells will be determined by the DEC regional office based on topography and geological studies of the facility. A drawing of an acceptable monitoring well is given on the next page.

TYPICAL MONITORING WELL CONSTRUCTION



REFERENCES

1. Analytical Handbook
New York State Department of Health (NYSDOH)
Division of Laboratories and Research
Toxicity Center
Albany, New York 12201
2. Analytical Services Protocol
New York State Department of Environmental Conservation
Bureau of Technical Services and Research, Room 301
50 Wolf Road
Albany, New York 12233-3502
3. Bulk Storage Program, SPOTS 9, "Inspection of Major Oil Storage Facilities".
4. Bulk Storage Program, SPOTS 16 "Preparing An SPCC Plan (Draft)".



New York State
Department of Environmental Conservation



MAJOR PETROLEUM FACILITY LICENSE

FACILITY:

US AIR FUEL STORAGE FACILITY
HANCOCK INTERNATIONAL AIRPORT
SYRACUSE, NY 13211

OWNER:

US AIR, INC.
CRYSTAL PARK 4, 2345 CRYSTAL DRIVE
ARLINGTON, VA 22227

The facility named above has been duly licensed, pursuant to Article 12 of the Navigation Law. Any conditions placed on this license are marked on the attached Special Conditions Check List.

MAILING CORRESPONDENCE:

ATTN: JOHN MESSENGER
US AIR FUEL STORAGE FACILITY
P.O. BOX 216
SYRACUSE, NY 13211

LICENSE NUMBER: 7-2220

DATE ISSUED: April 19, 1994

EXPIRATION DATE: March 31, 1995

Commissioner of Environmental Conservation

By

Title

Regional Engineer

THIS LICENSE IS NON-TRANSFERABLE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
MAJOR PETROLEUM FACILITY LICENSE

Tank Listing For License Number: 7-2220

Page 1 of 1

TANK NUMBER	DATE INSTALLED (Month/Year)	TANK LOCATION	TANK TYPE	CAPACITY (Gallons)	PRODUCT STORED
1	11/88	Aboveground on rack	Steel/Carbon Steel	1,000	Kerosene
2	11/88	Aboveground on rack	Steel/Carbon Steel	20,000	Unleaded Gasoline
5	11/88	Aboveground	Steel/Carbon Steel	210,000	Kerosene
6	11/88	Aboveground	Steel/Carbon Steel	210,000	Kerosene
SLOP	11/88	Aboveground on rack	Steel/Carbon Steel	500	Kerosene